



ATTACHMENT 3

DATA SET FOR CRANEY ISLAND OIL REFINERY
INSTALLATION EXPERIMENT

(NASA-CR-142823) INTERDISCIPLINARY STUDY OF
ATMOSPHERIC PROCESSES AND CONSTITUENTS OF
THE MID-ATLANTIC COASTAL REGION. . ATTACHMENT
3: DATA SET FOR CRANEY ISLAND OIL REFINERY
INSTALLATION (Old Dominion Univ. Research

N75-24121

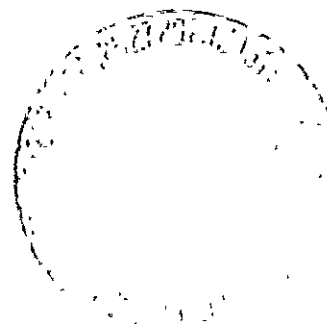
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Annual Report and Plans for

INTERDISCIPLINARY STUDY OF ATMOSPHERIC PROCESSES
AND CONSTITUENTS OF THE MID-ATLANTIC COASTAL REGION

Grant NGL 47-003-067



May 1975

PRICE SUBJECT TO CHANGE

Attachment 3

DATA SET FOR CRANEY ISLAND OIL REFINERY
INSTALLATION EXPERIMENT

March 24 - April 19, 1975

Submitted to the
Virginia State Air Pollution Control Board
and
NUS Corporation

Sponsored by
NASA Office of University Affairs
Grant NGL 47-003-067

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Submitted by the
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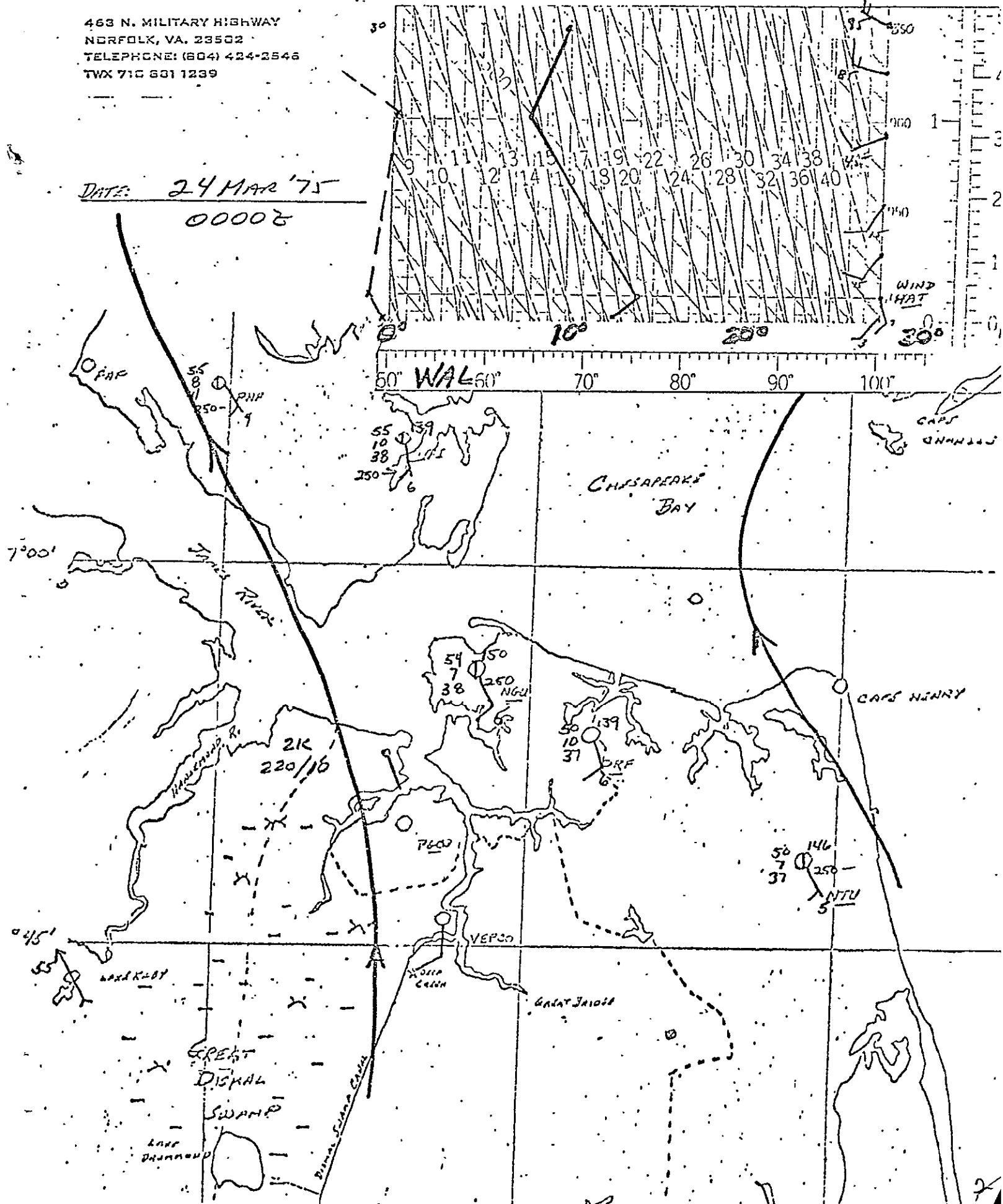
May 1975

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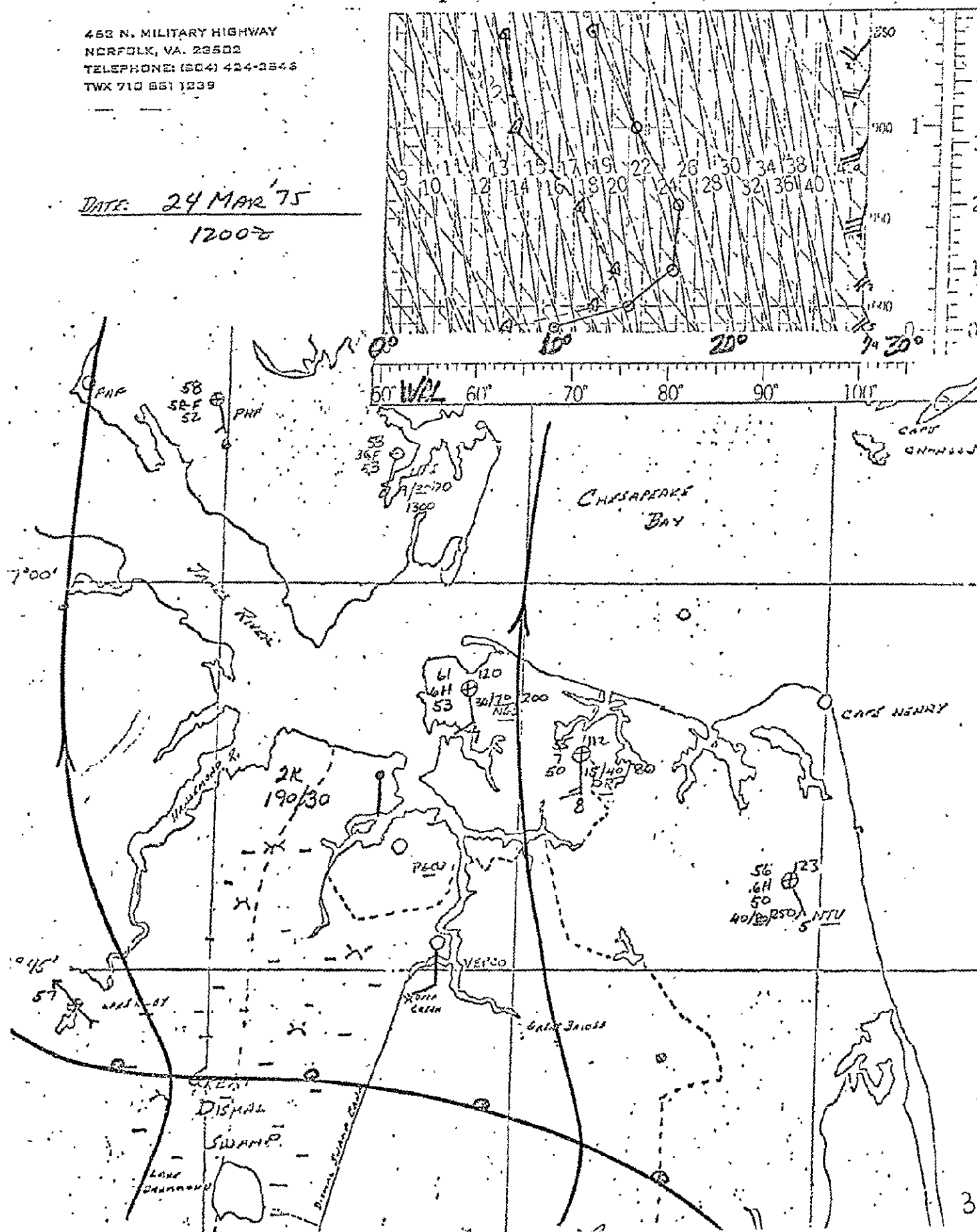
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TELEPHONE: (804) 424-2546
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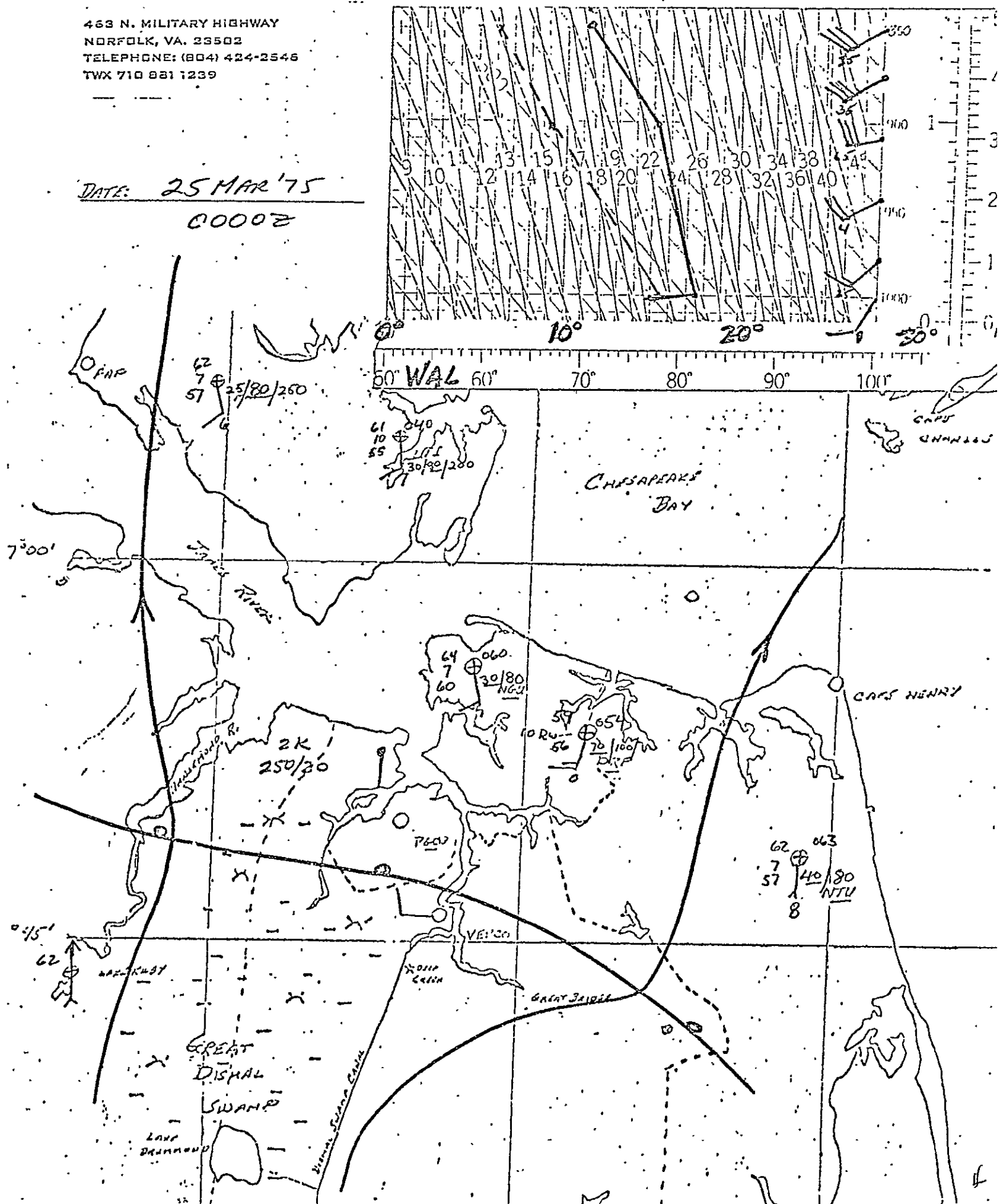
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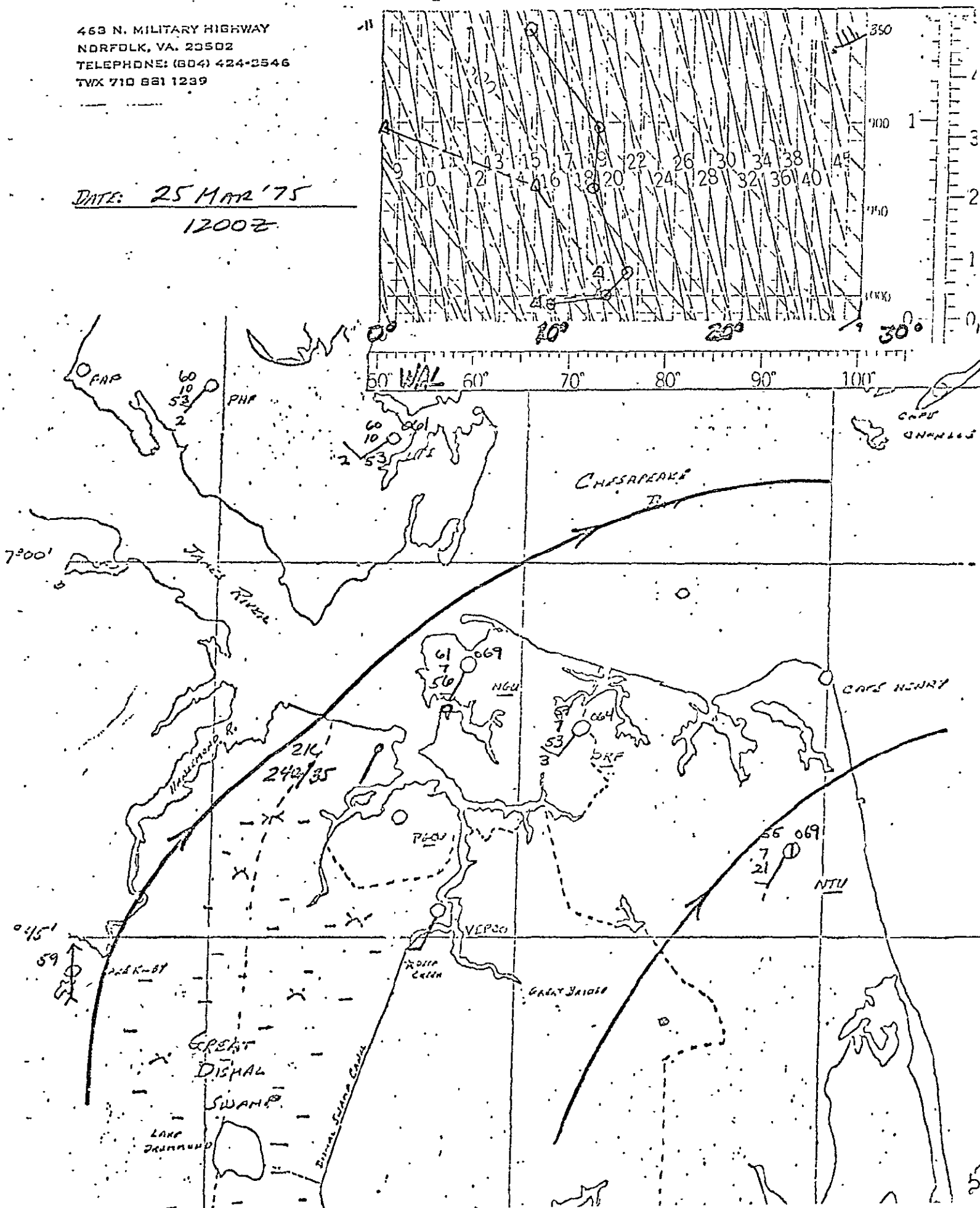


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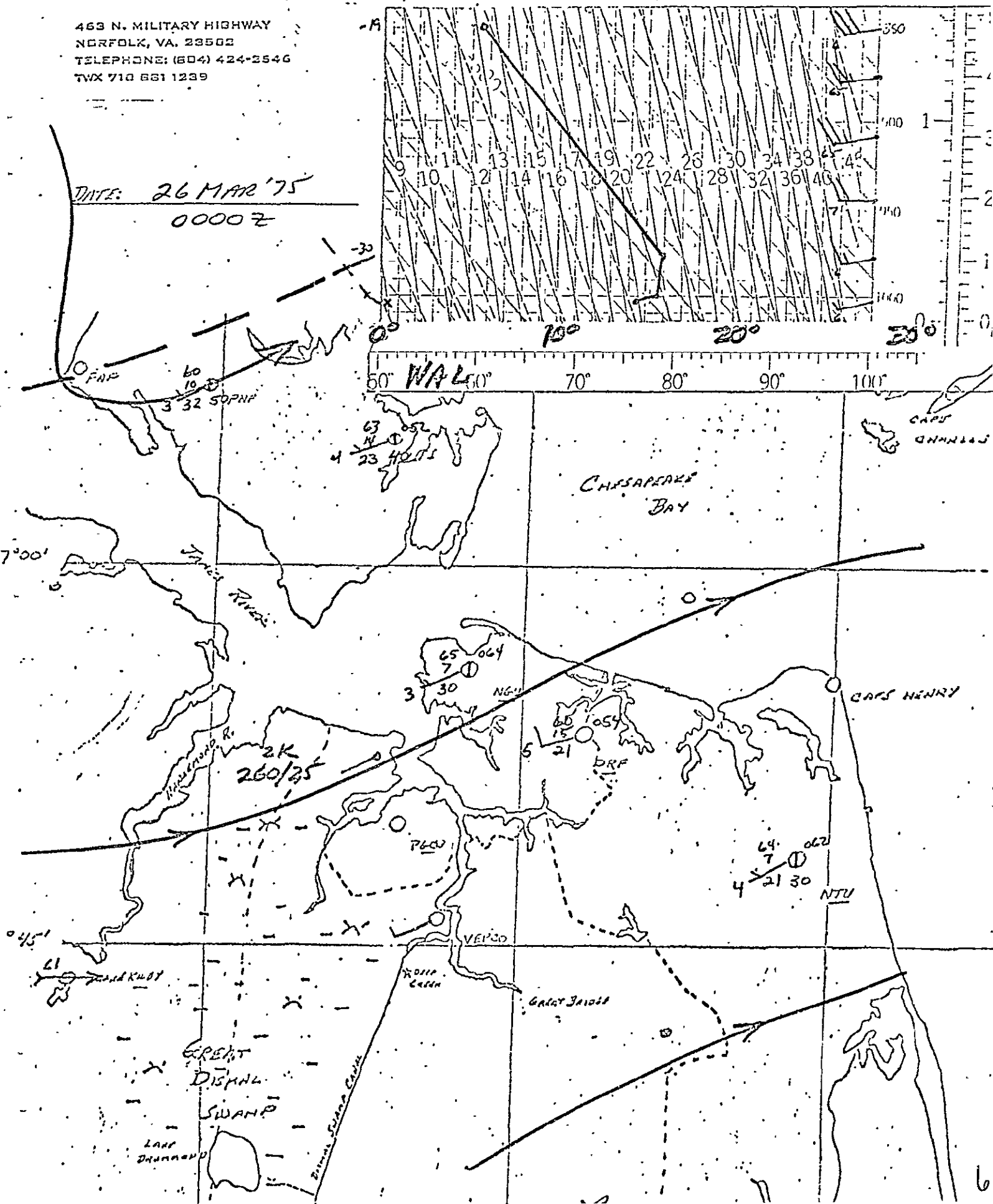
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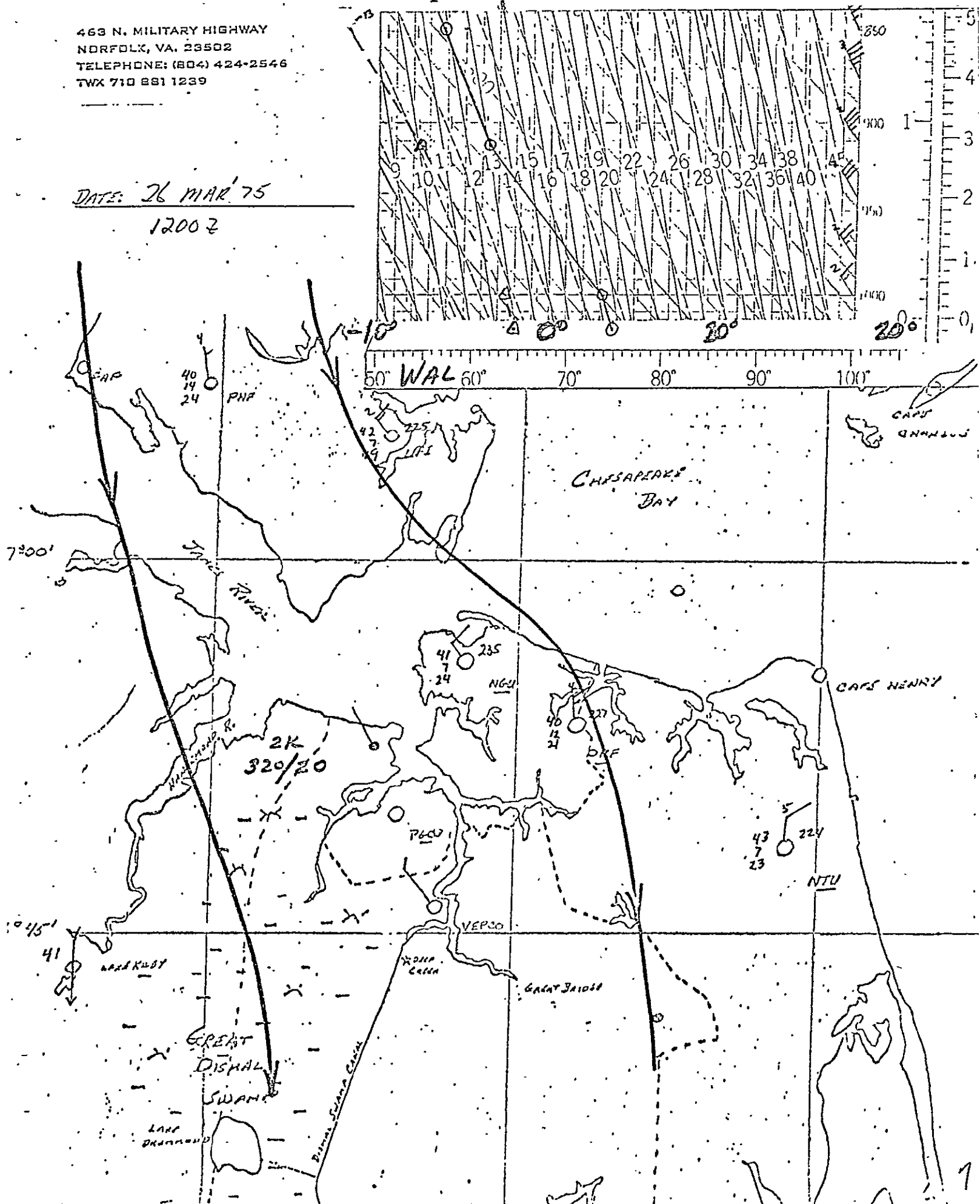


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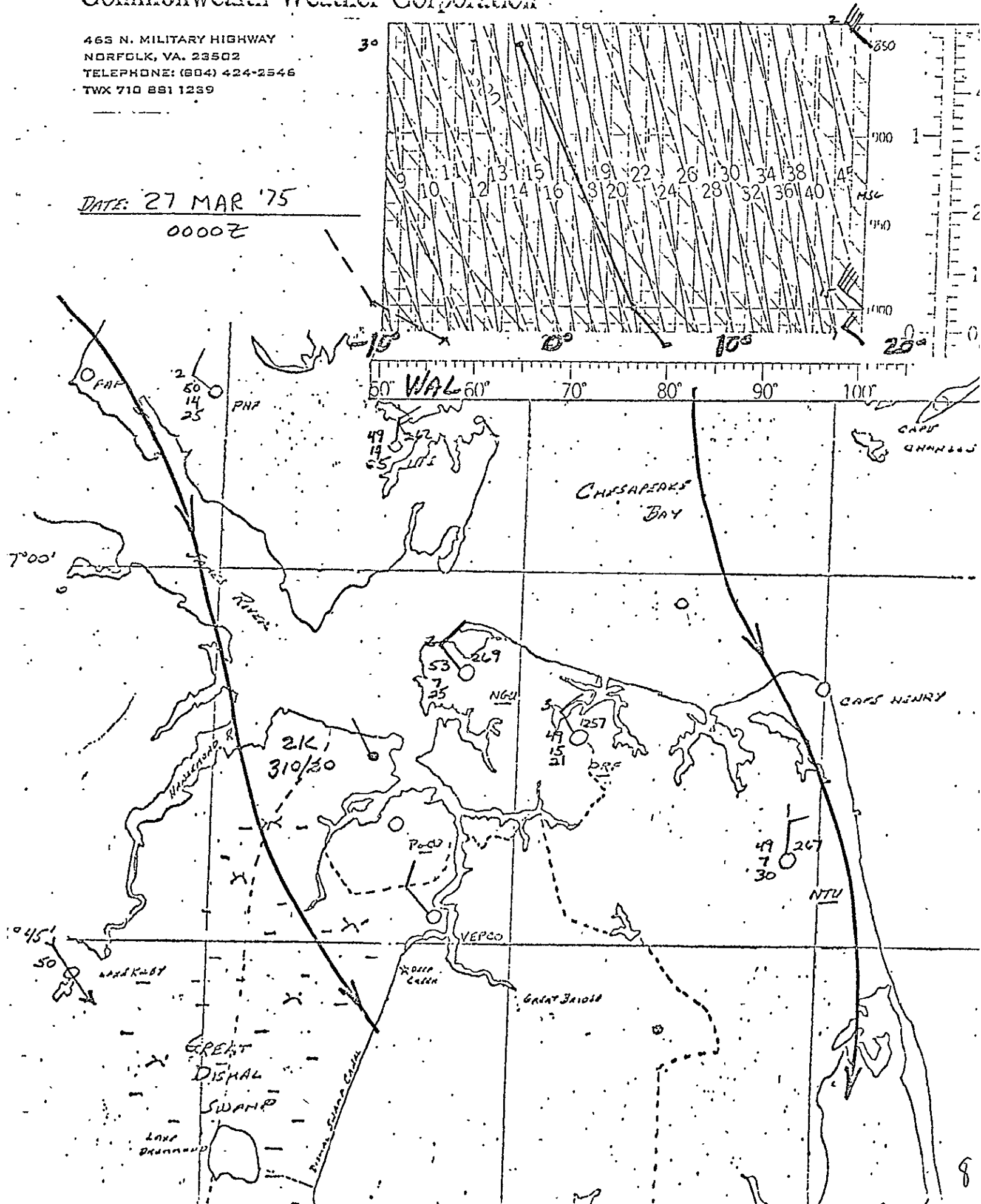
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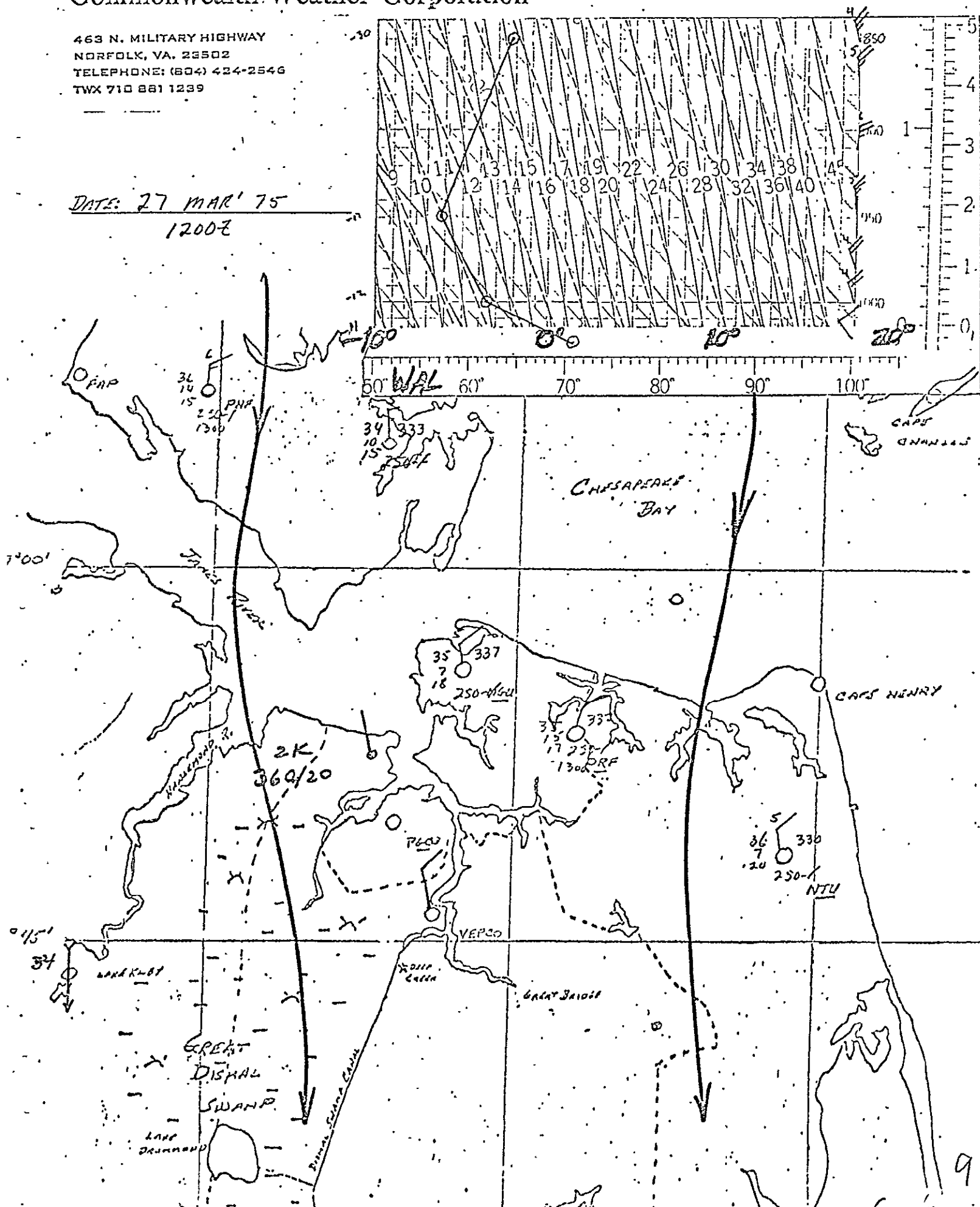
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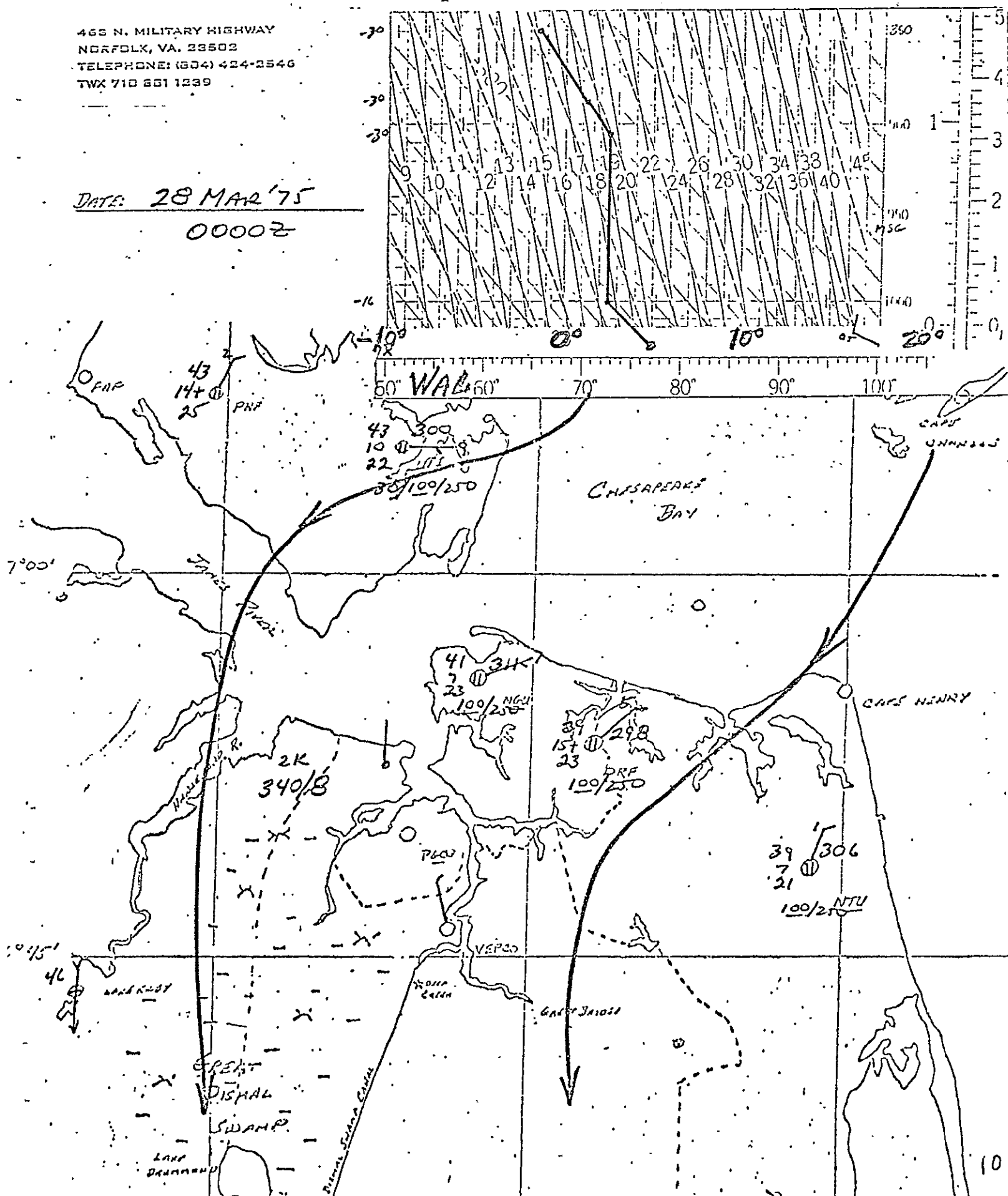
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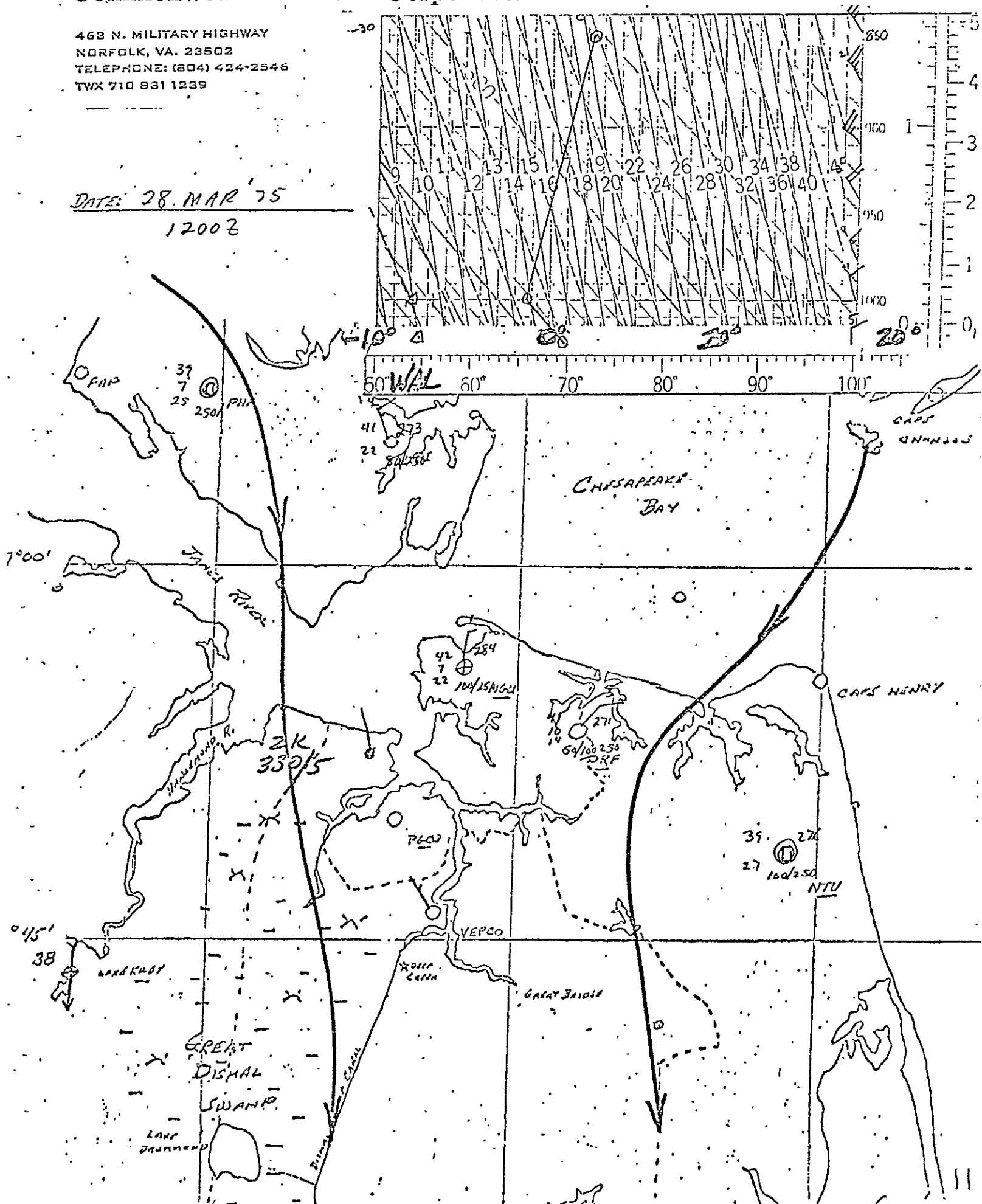


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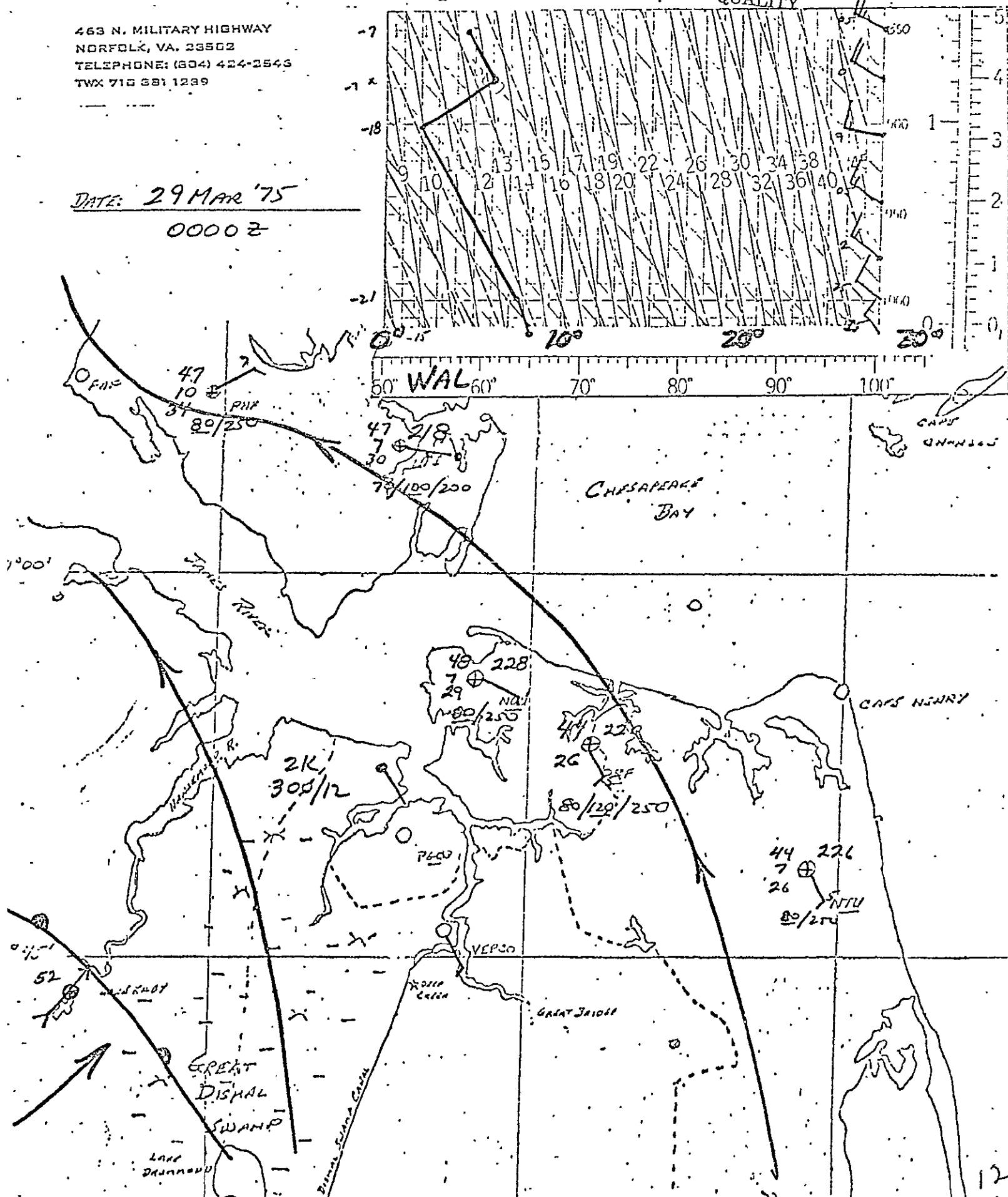


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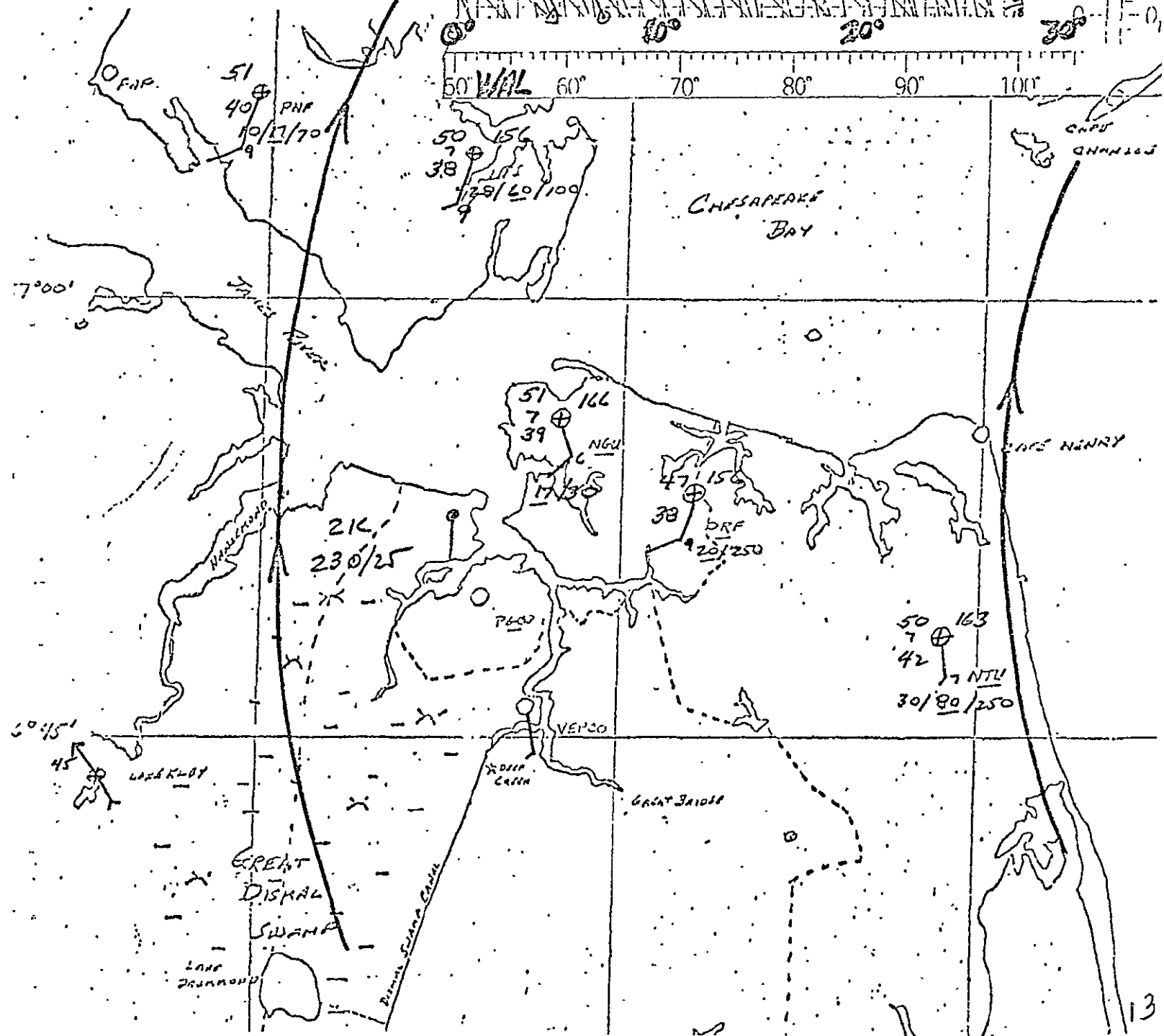
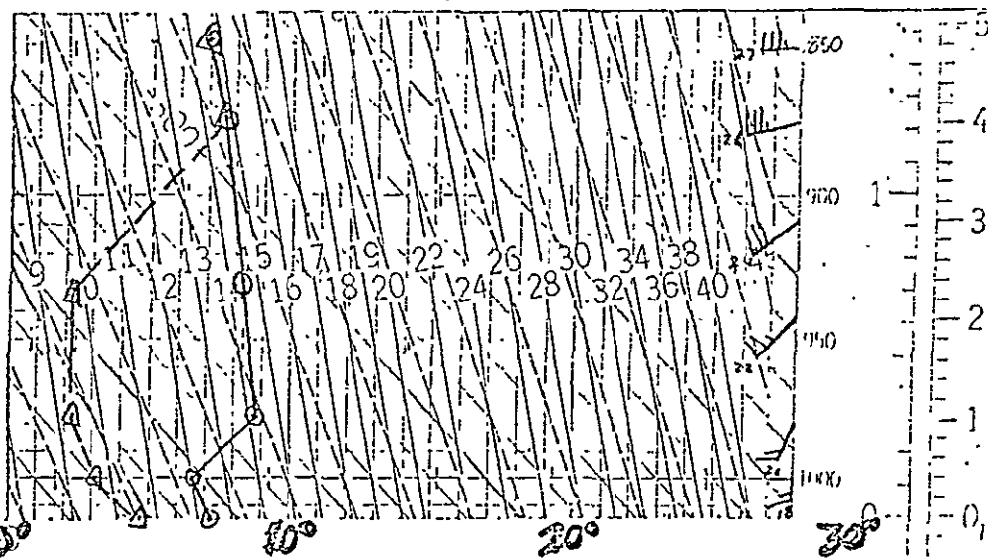


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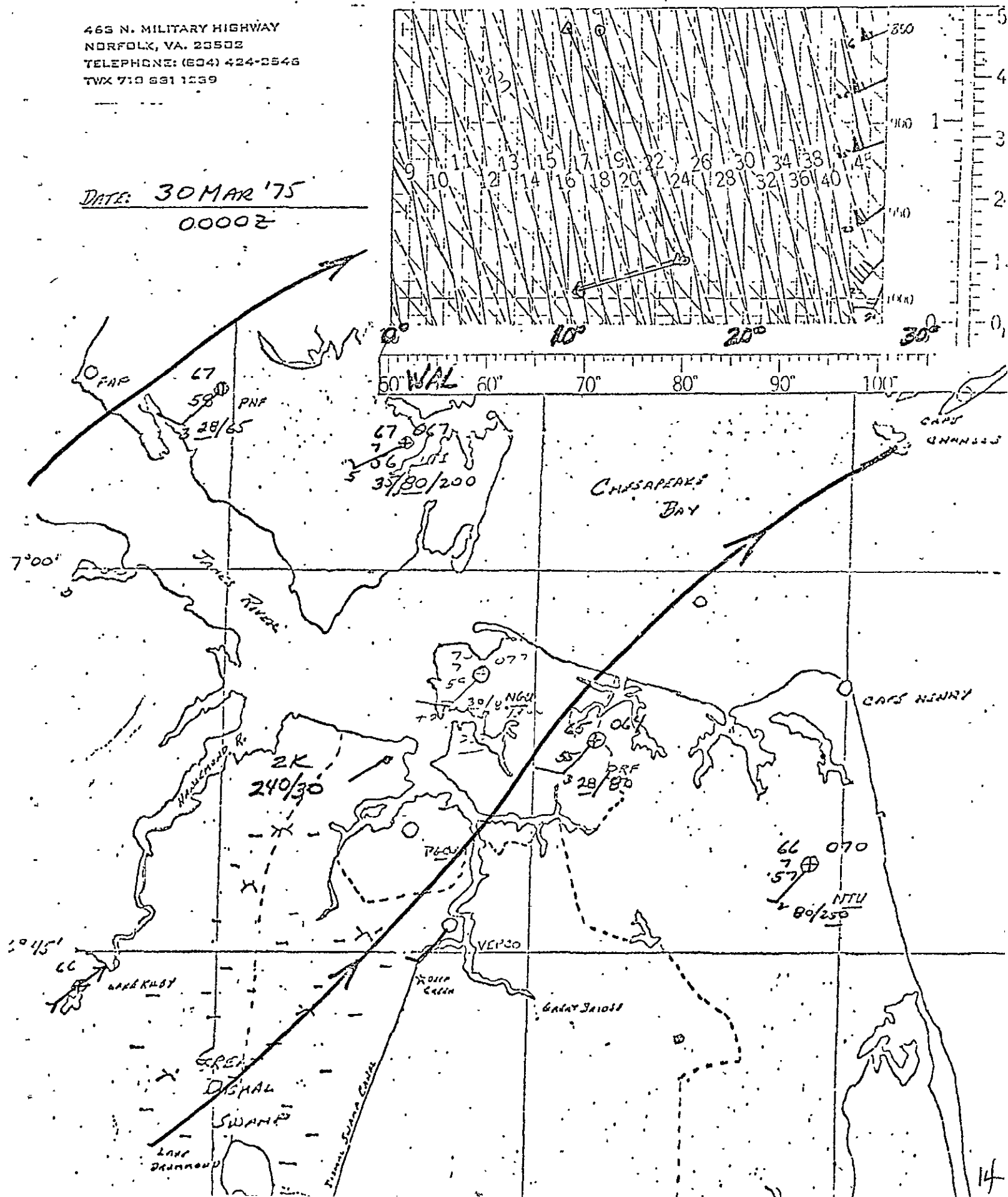
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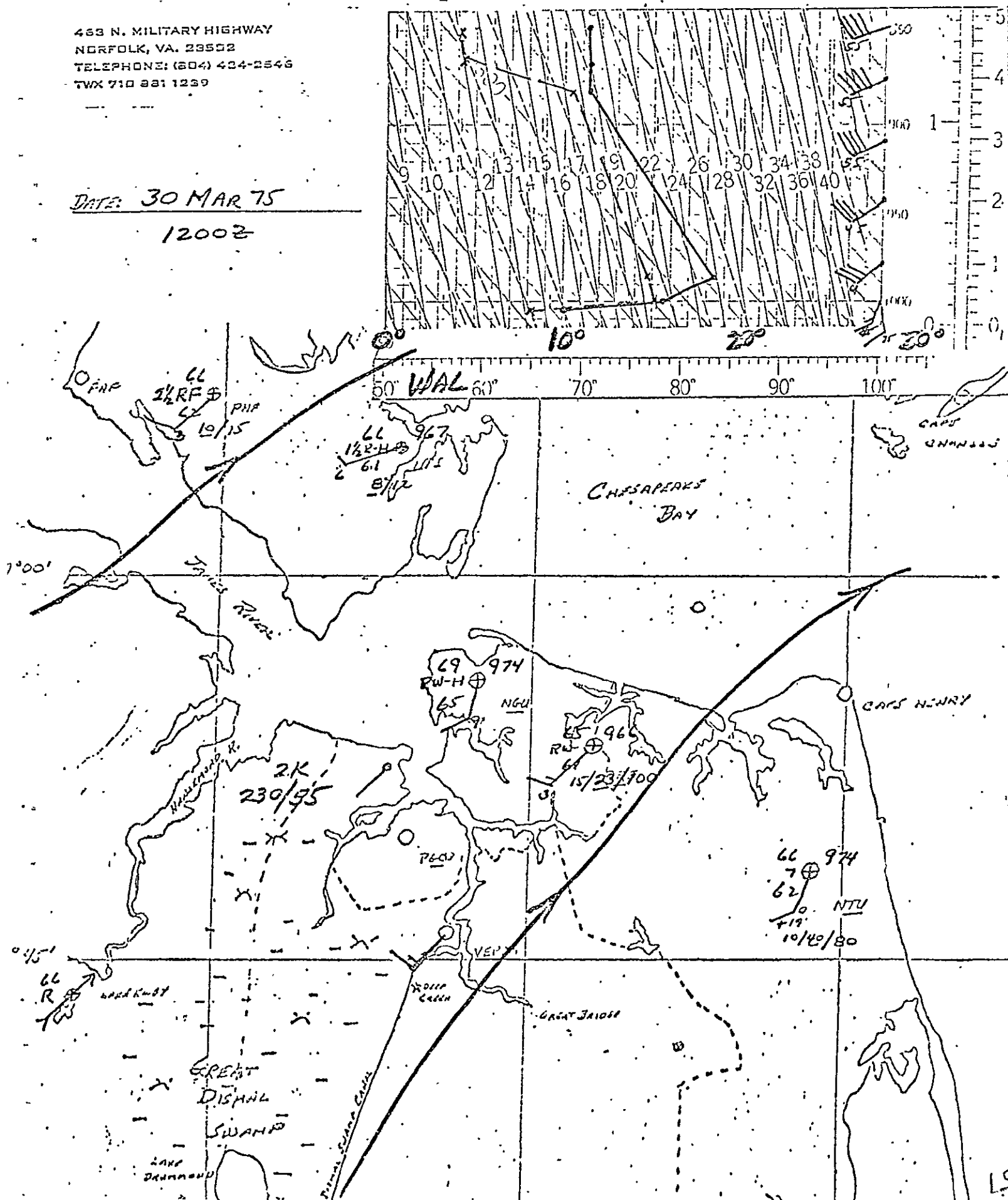
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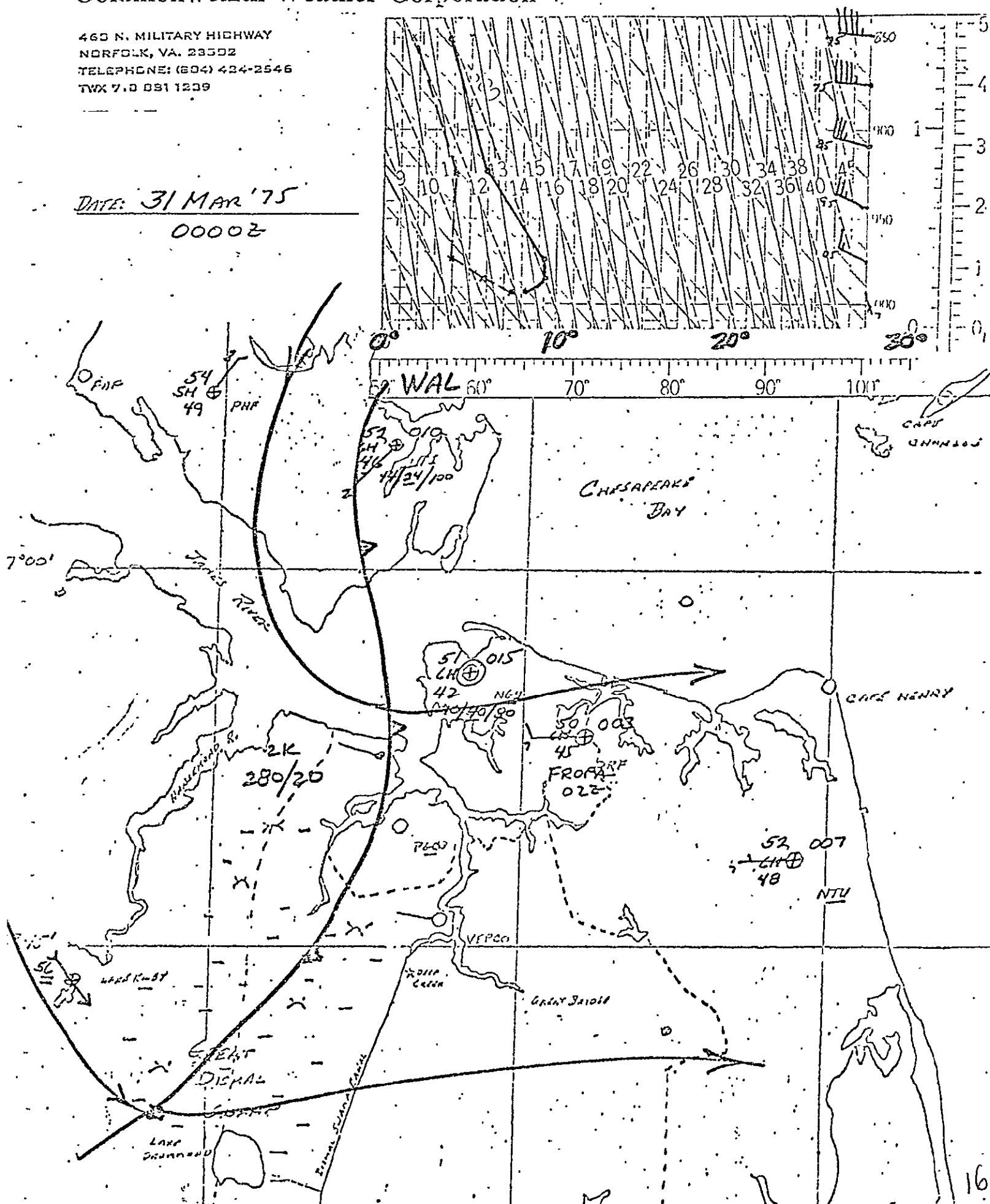
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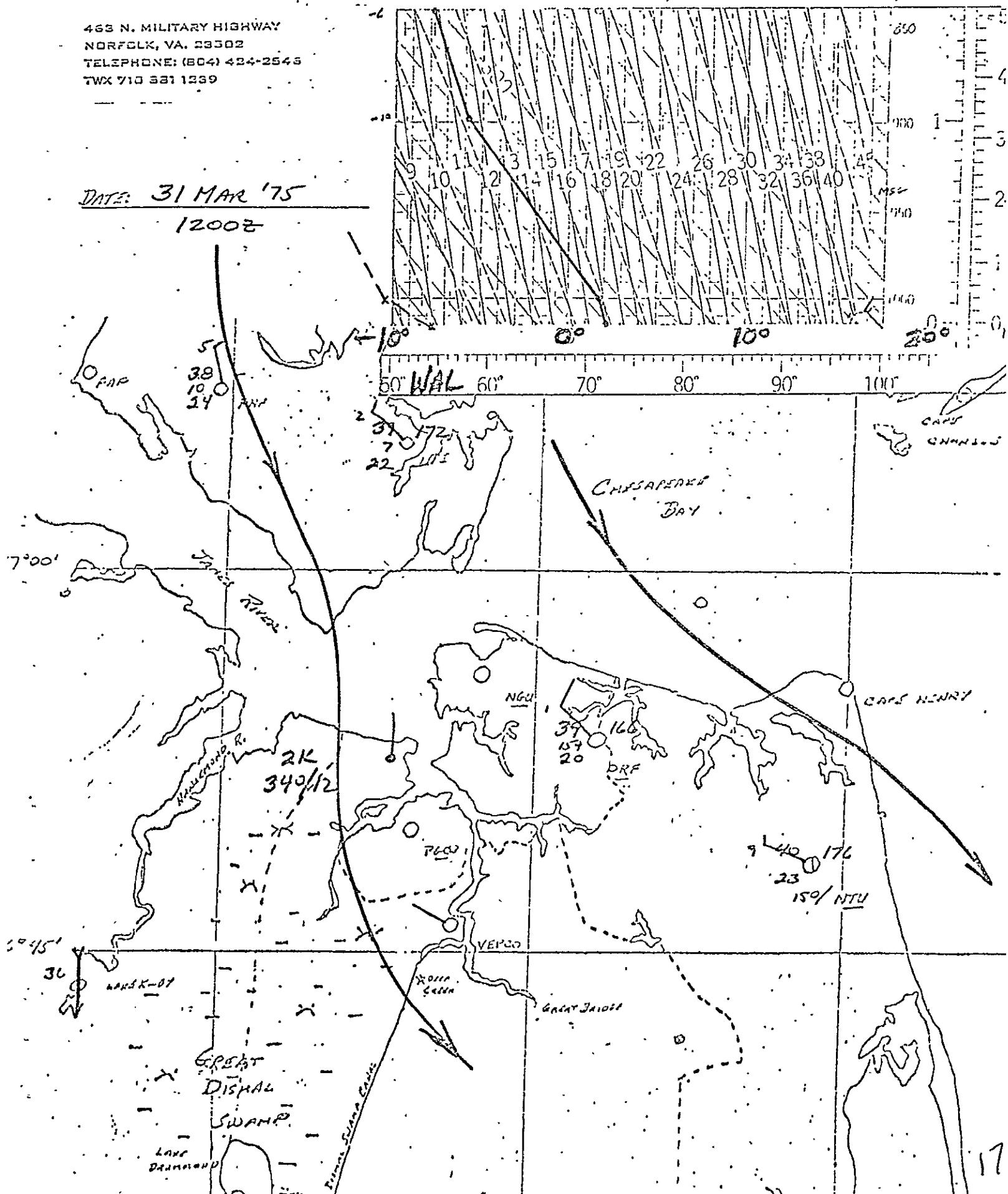


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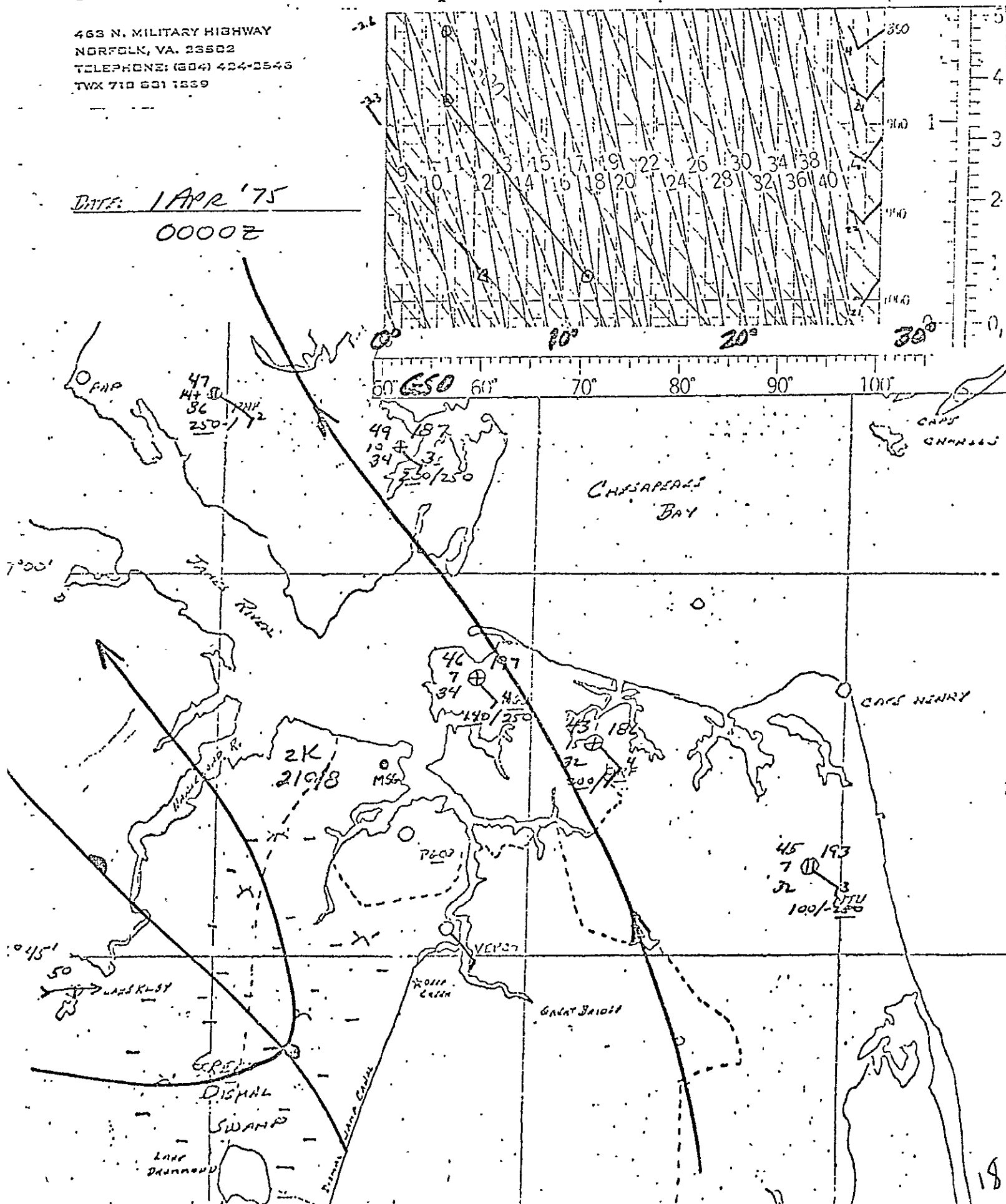
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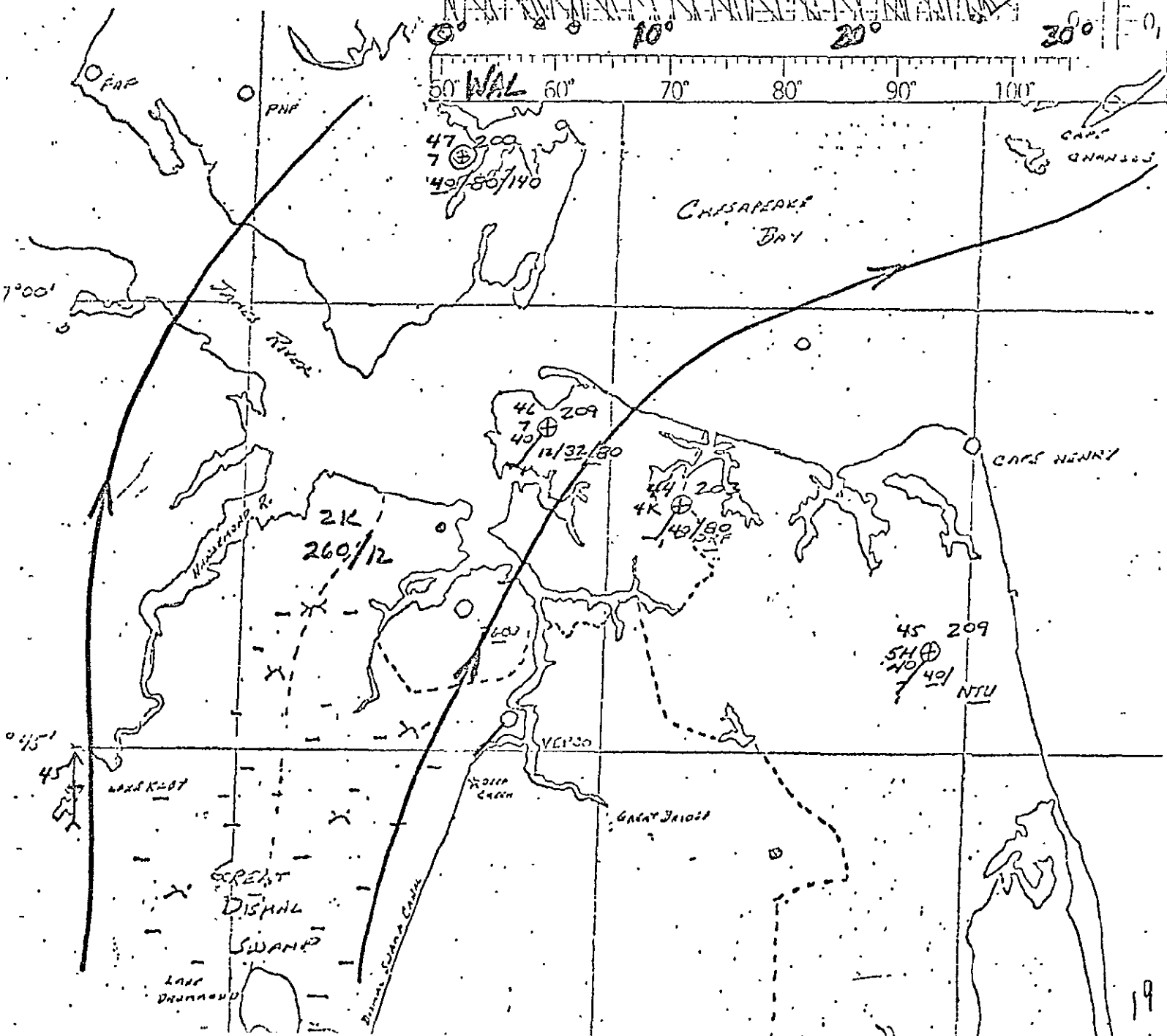
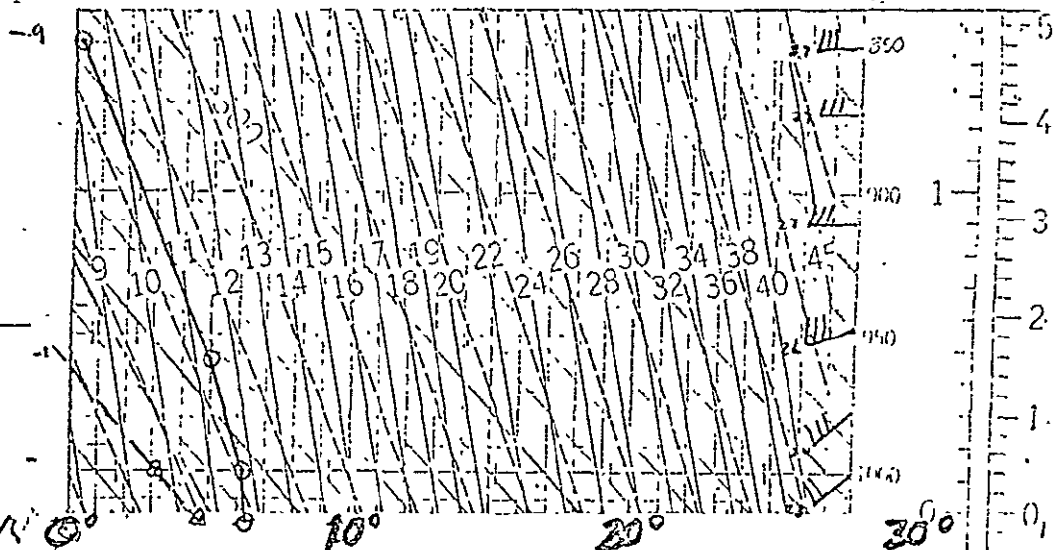
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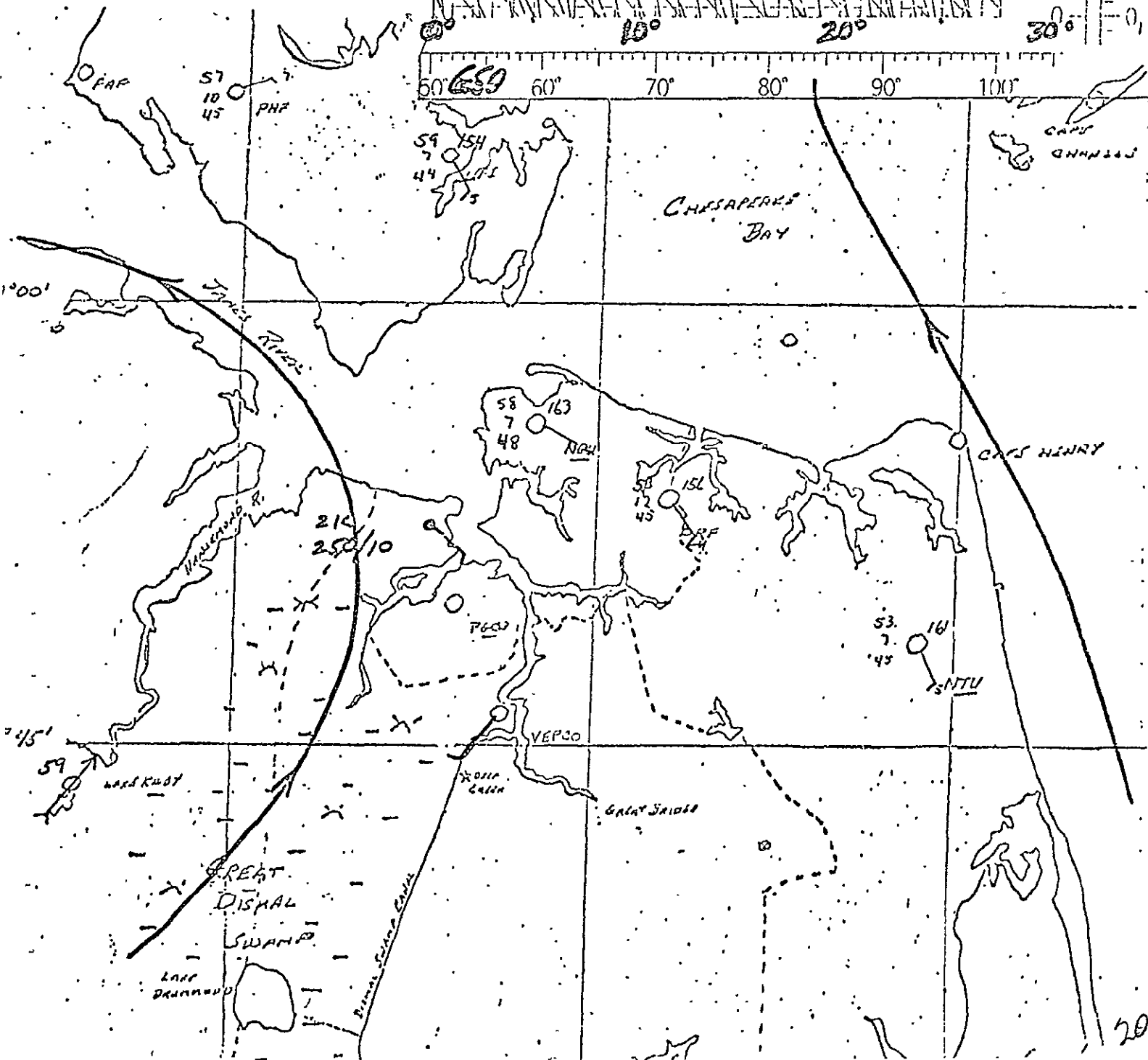
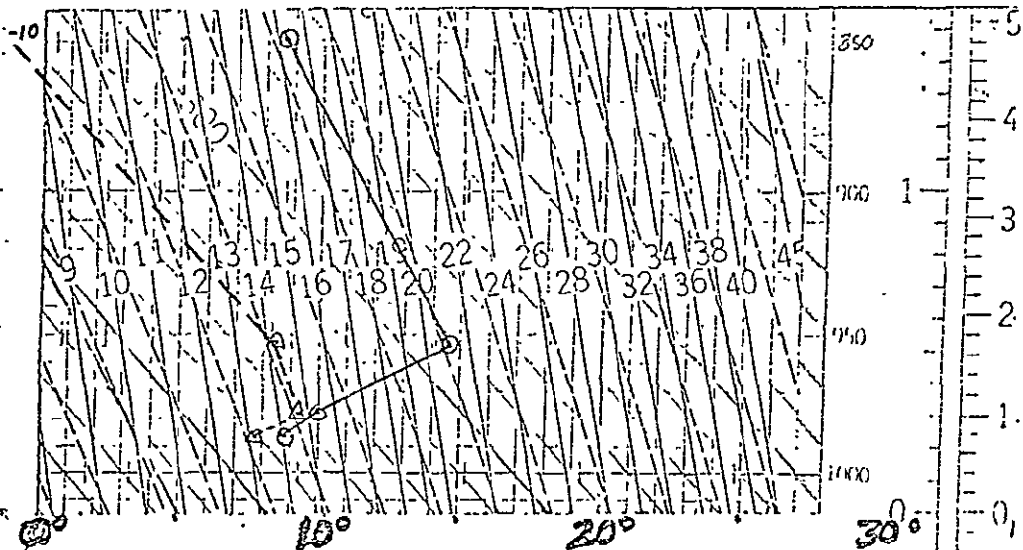
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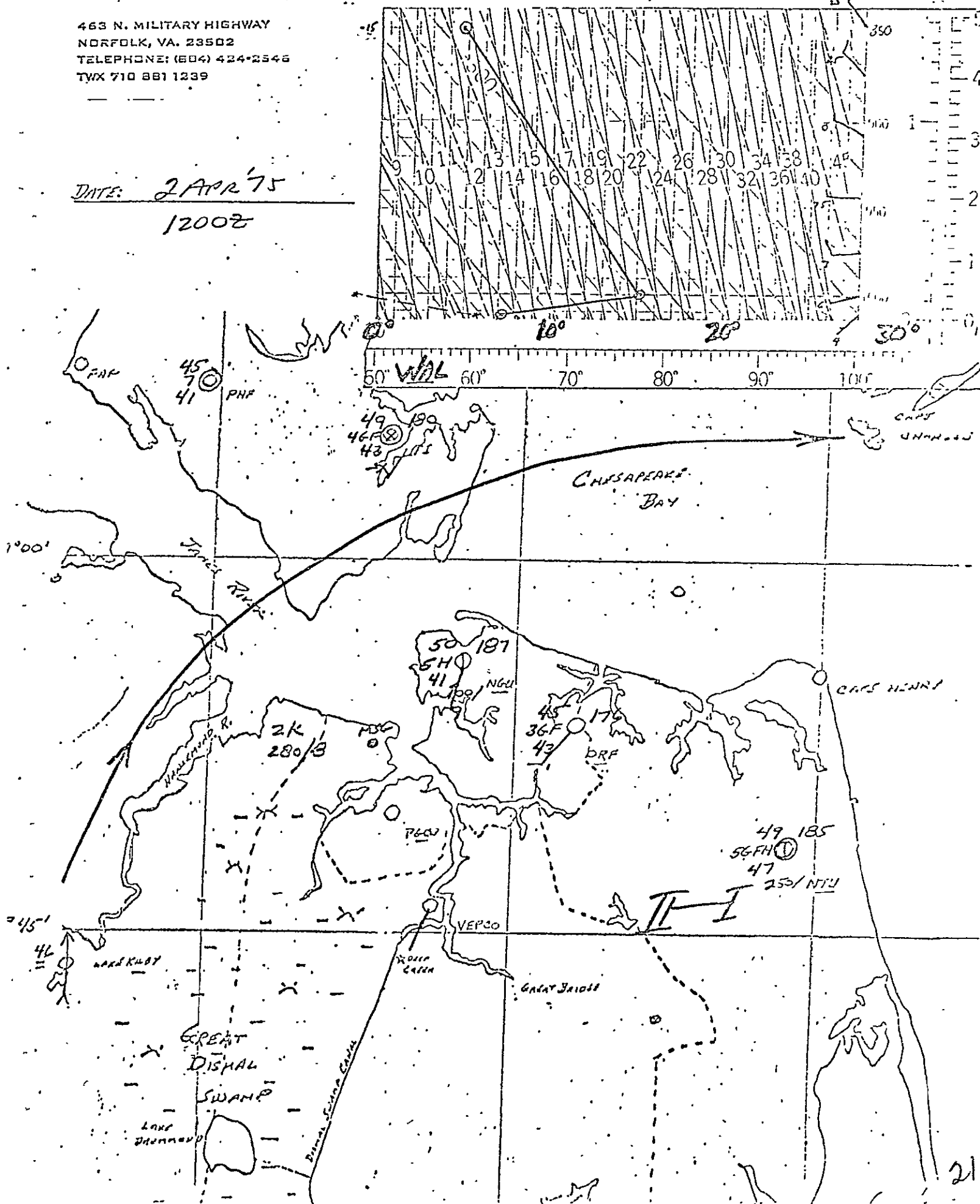
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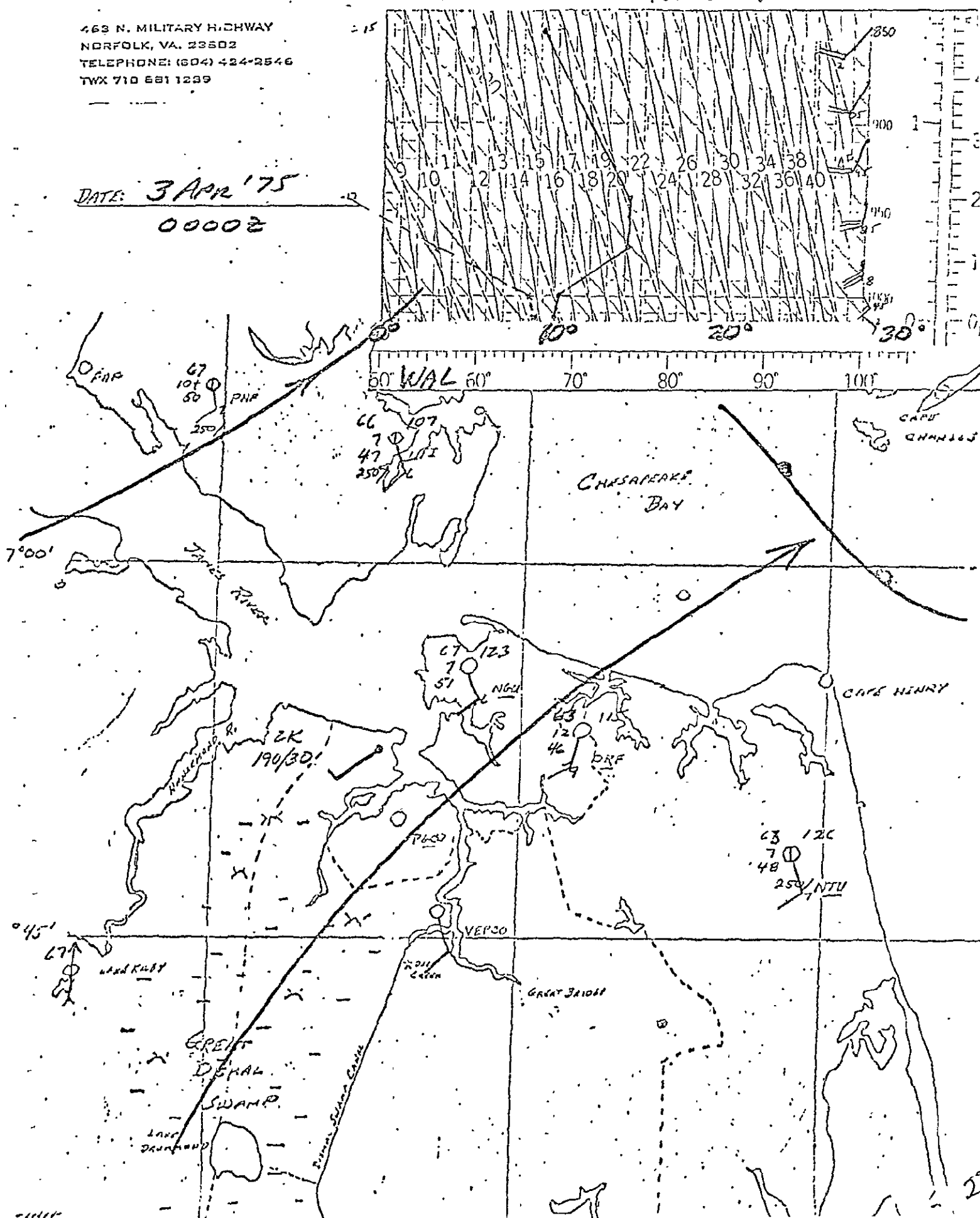
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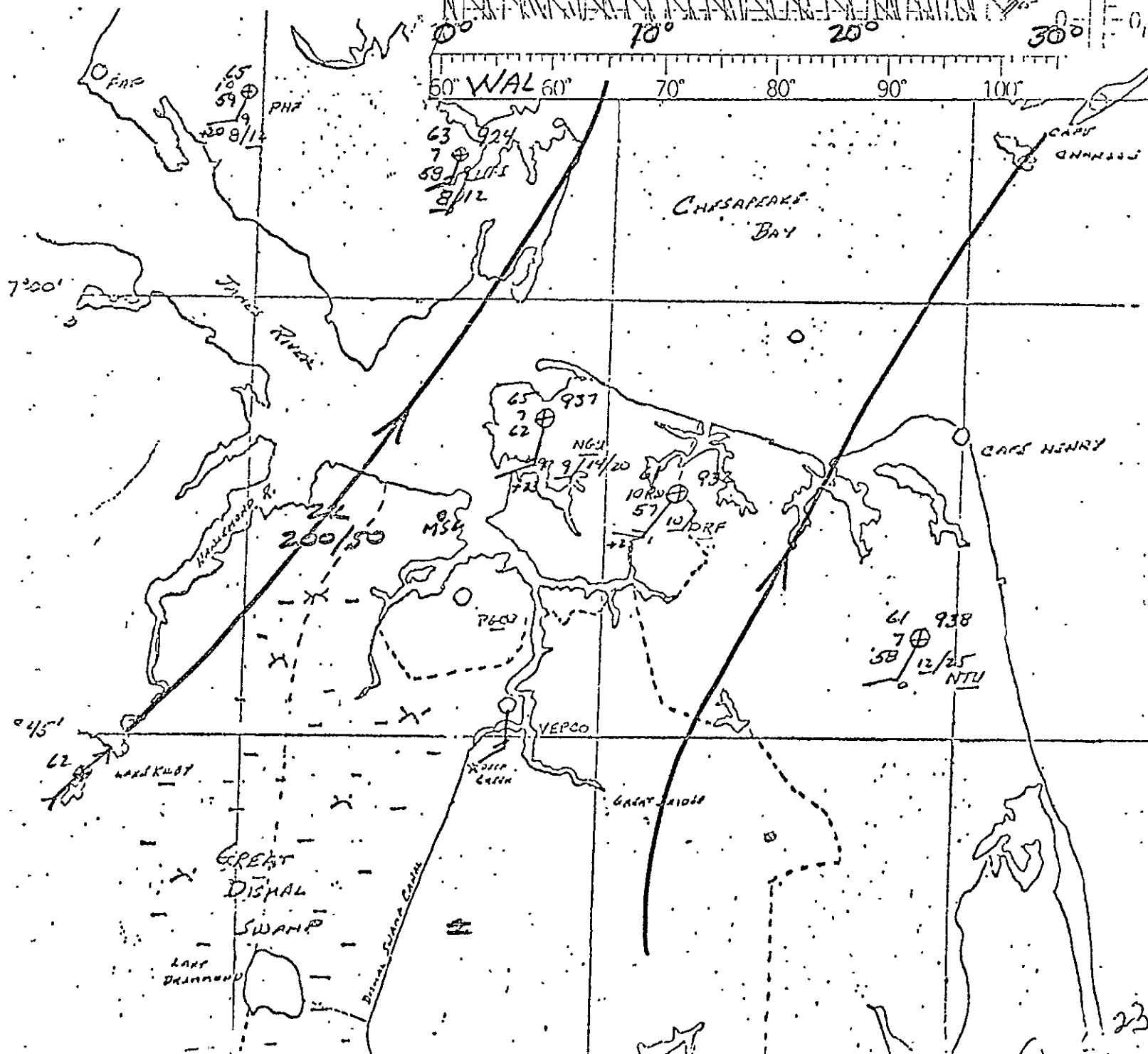
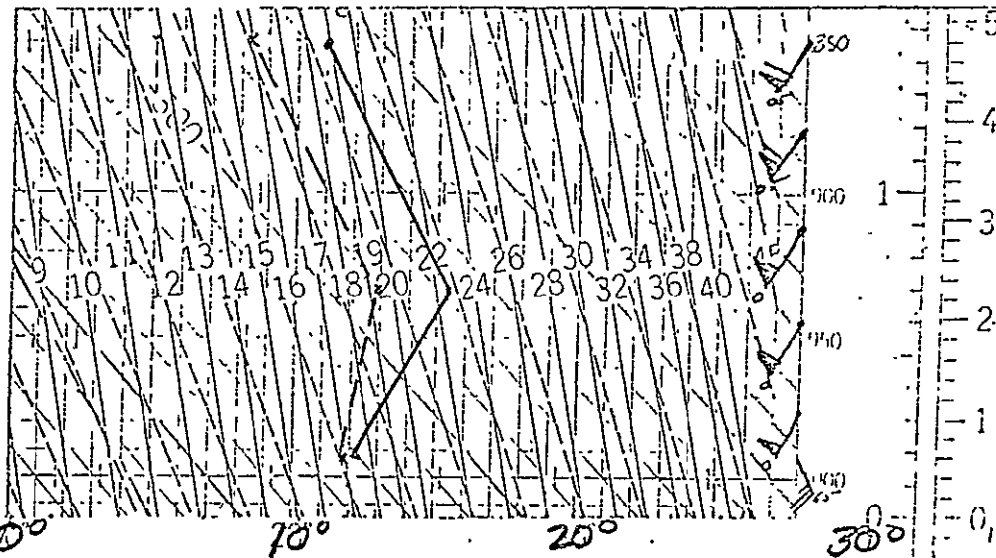
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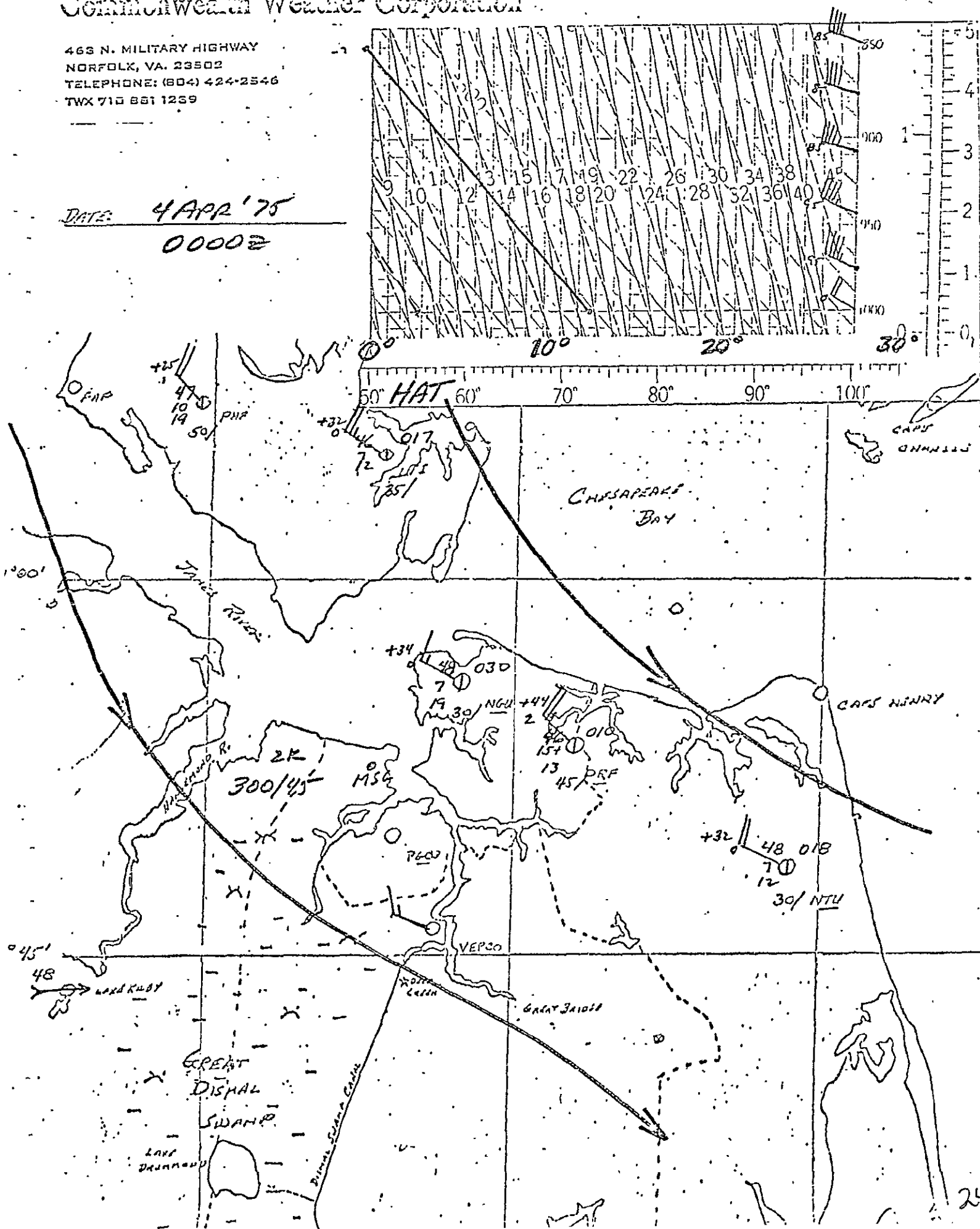
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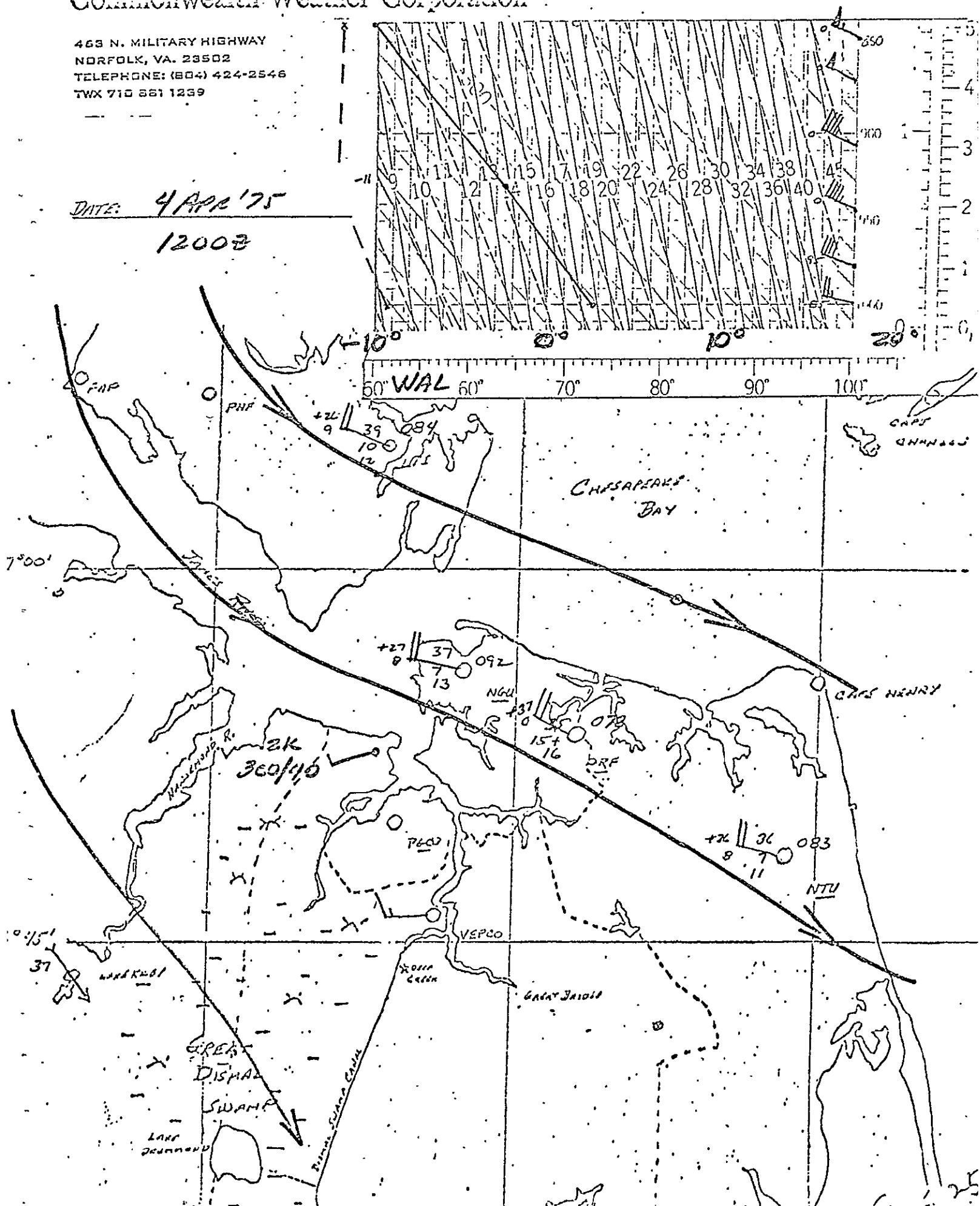
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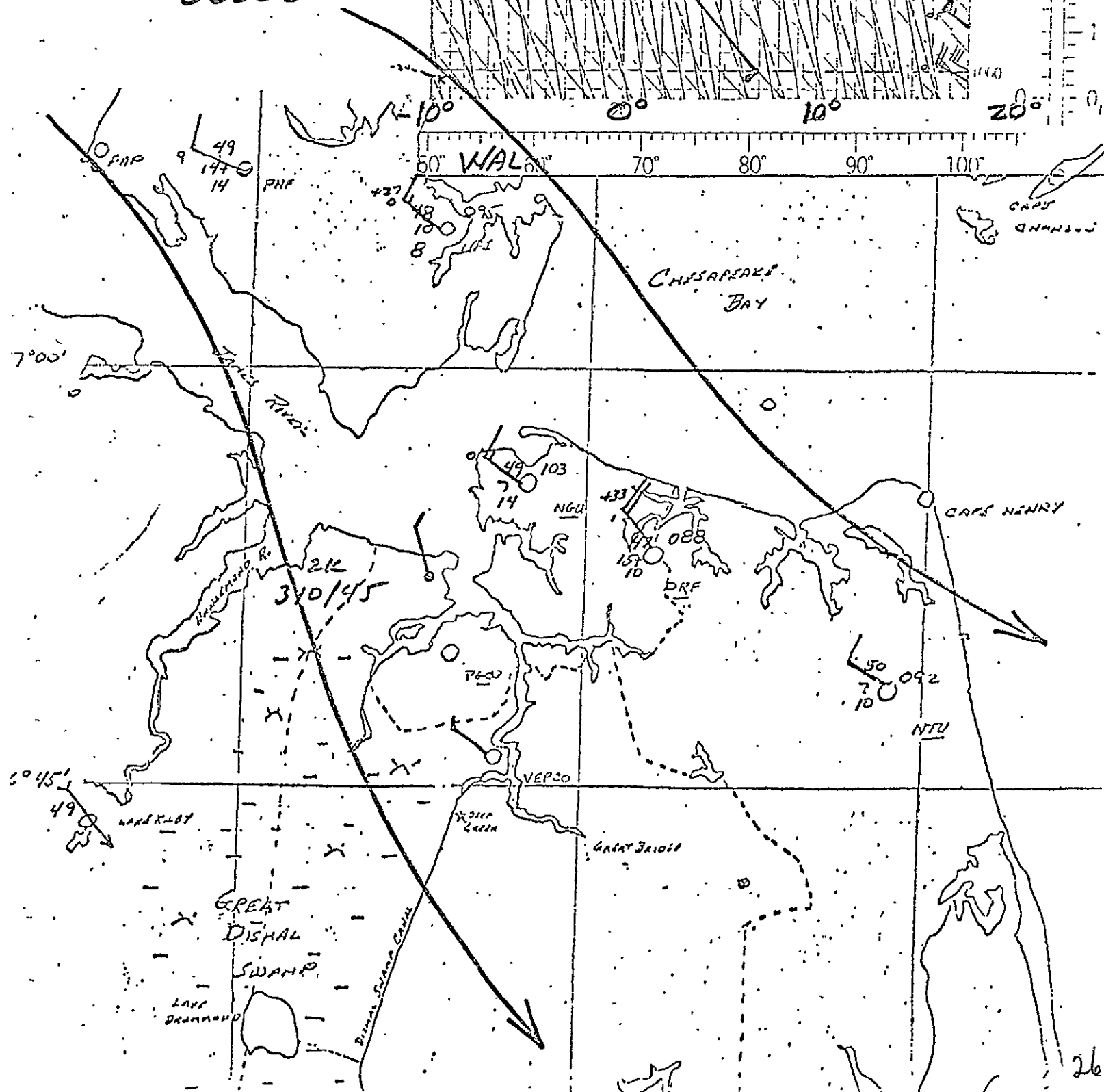
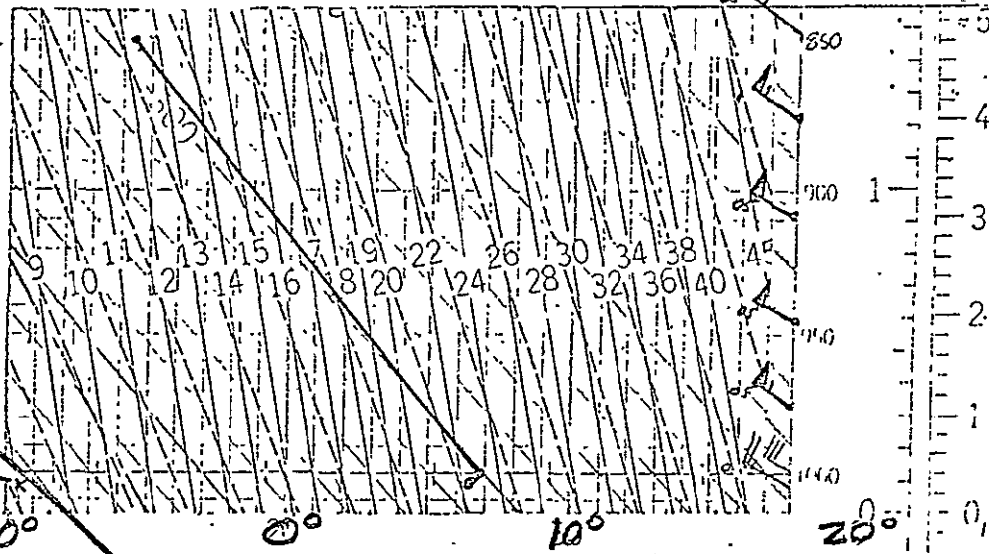
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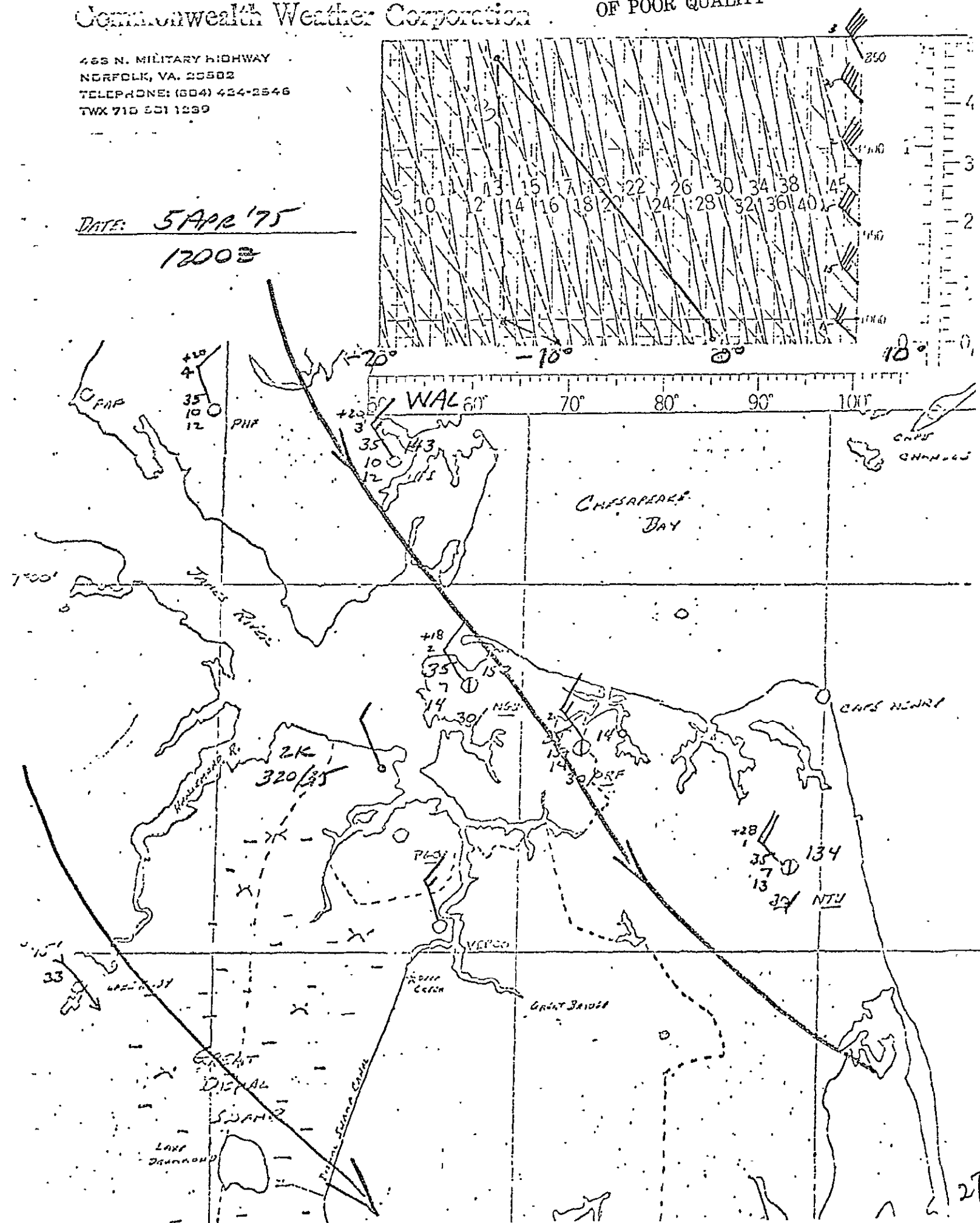
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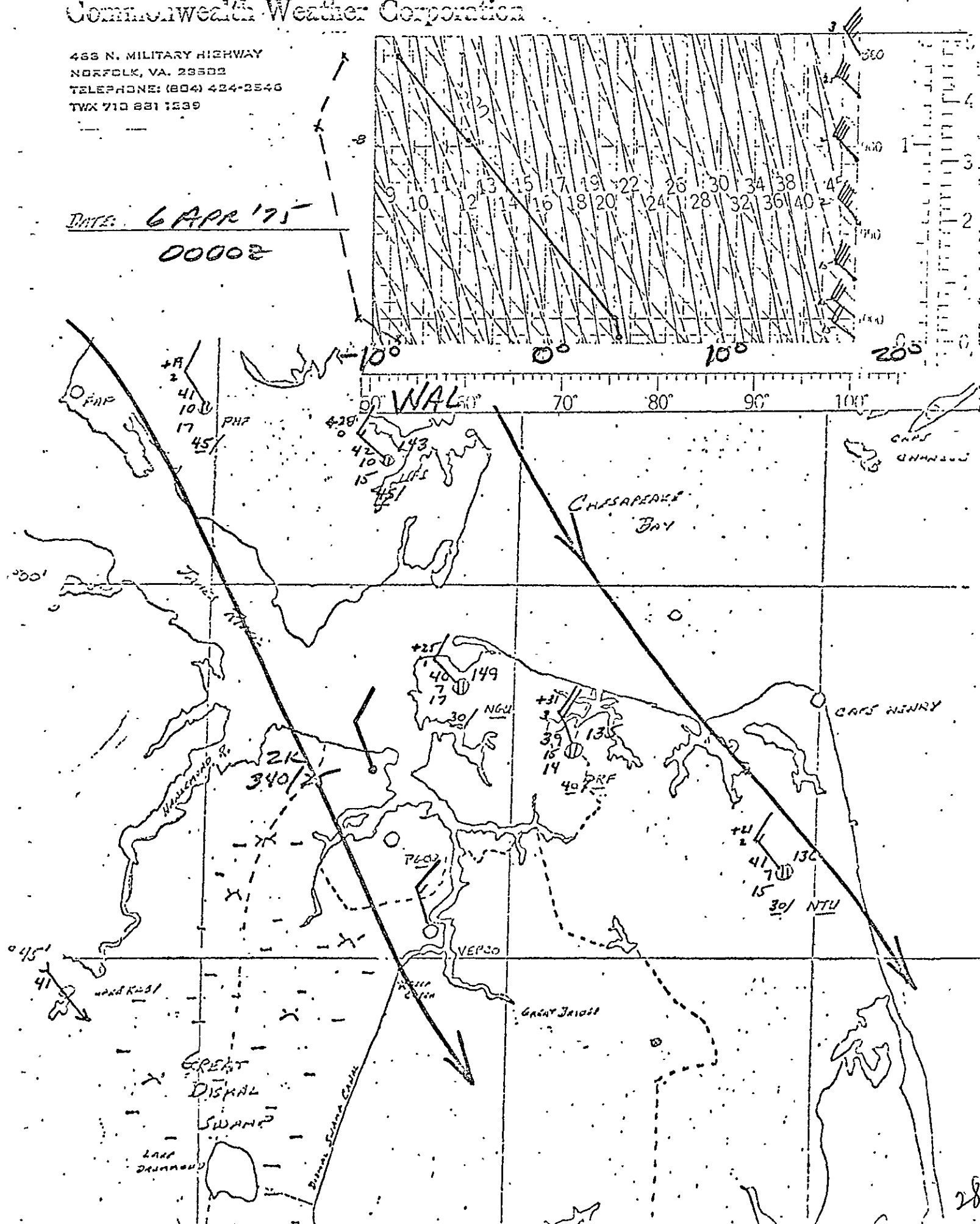
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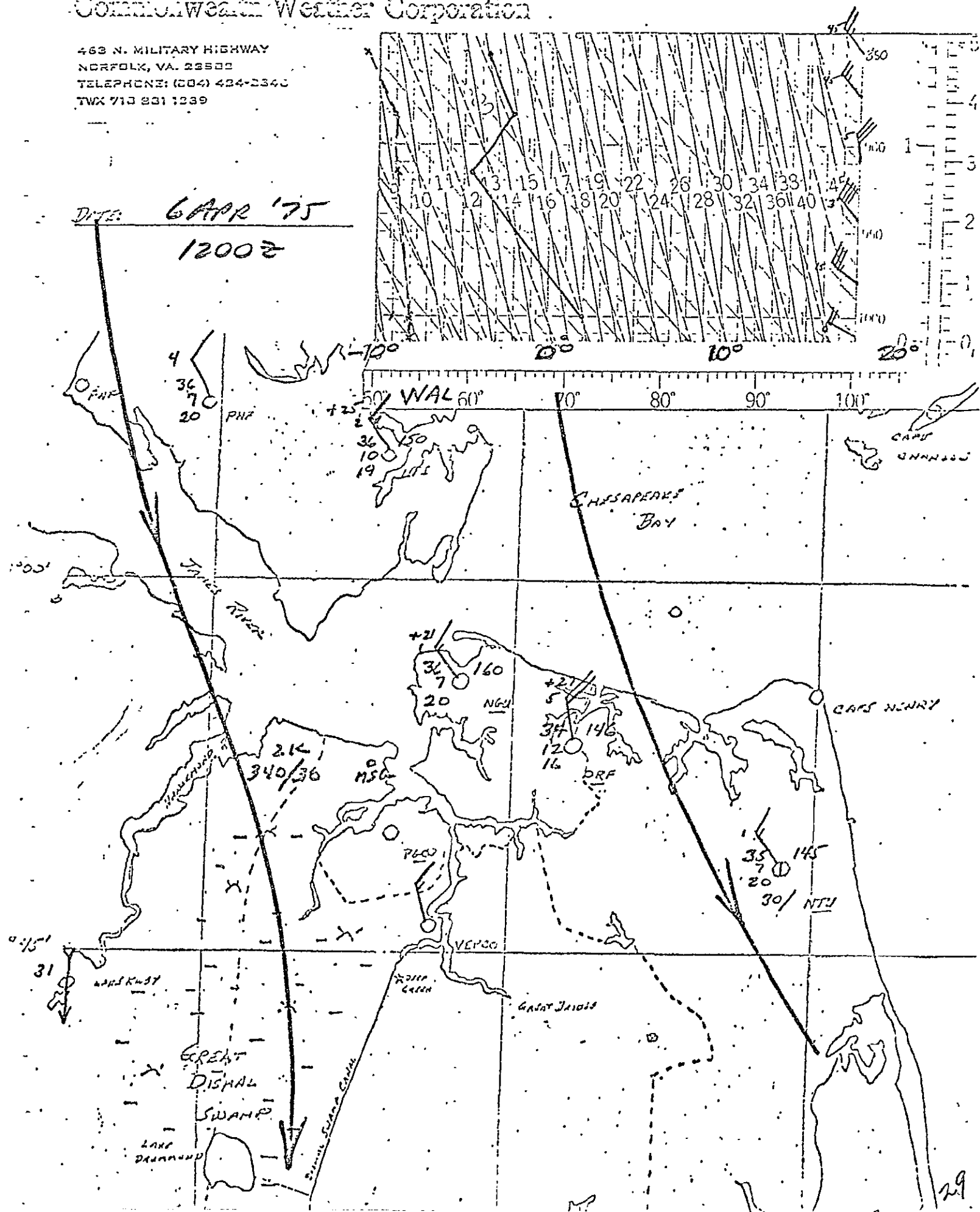
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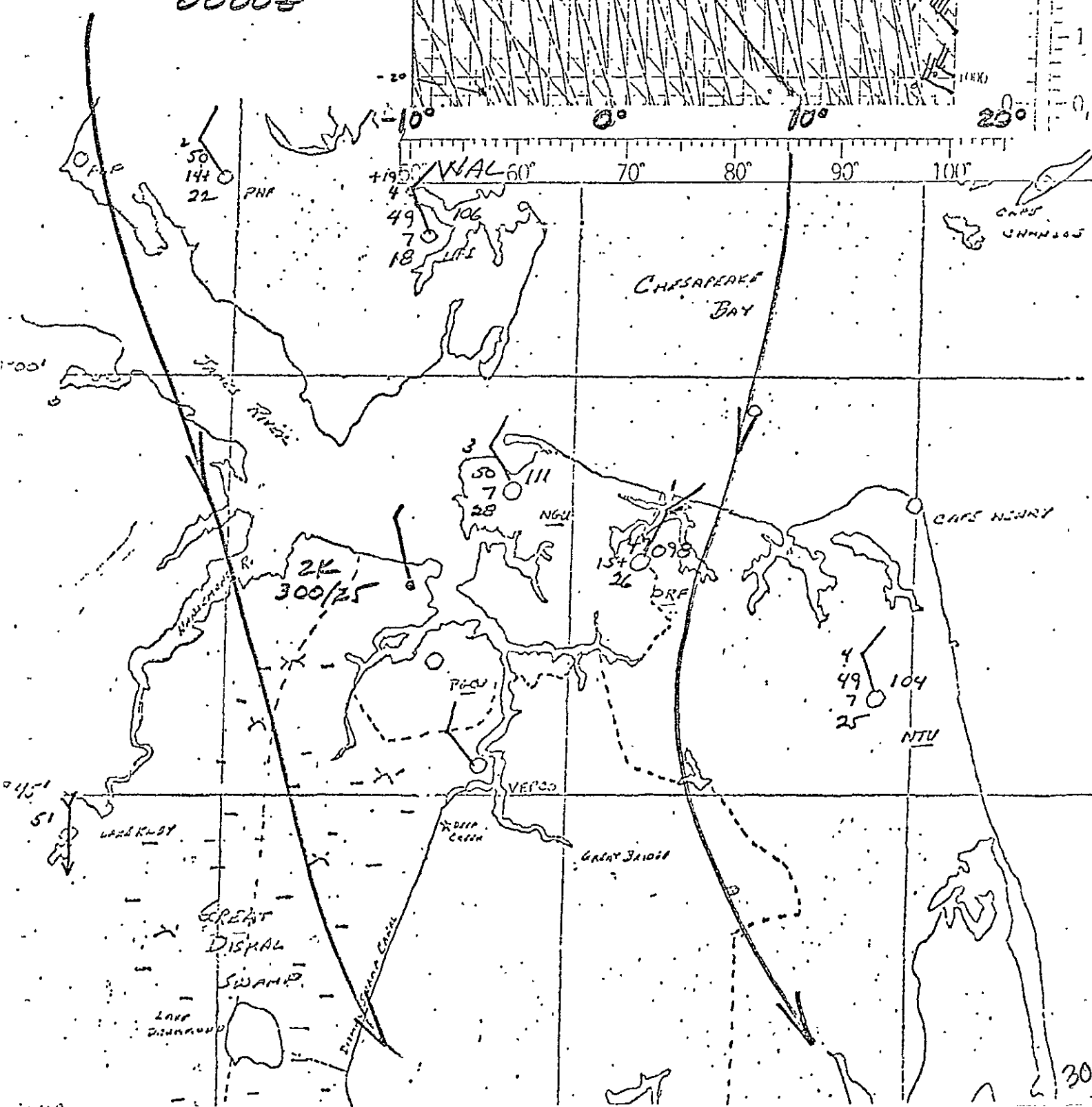
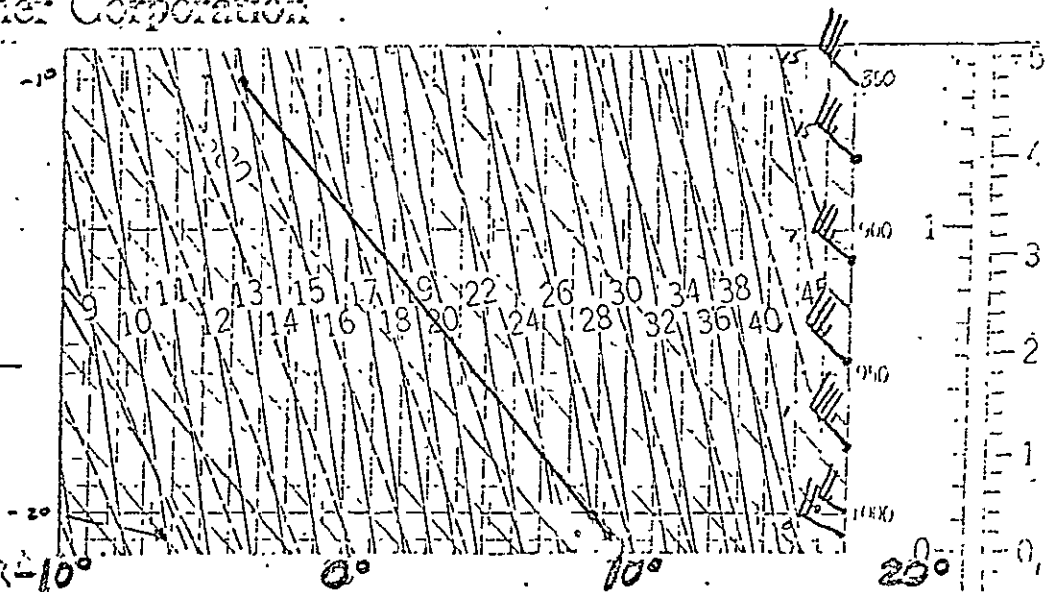
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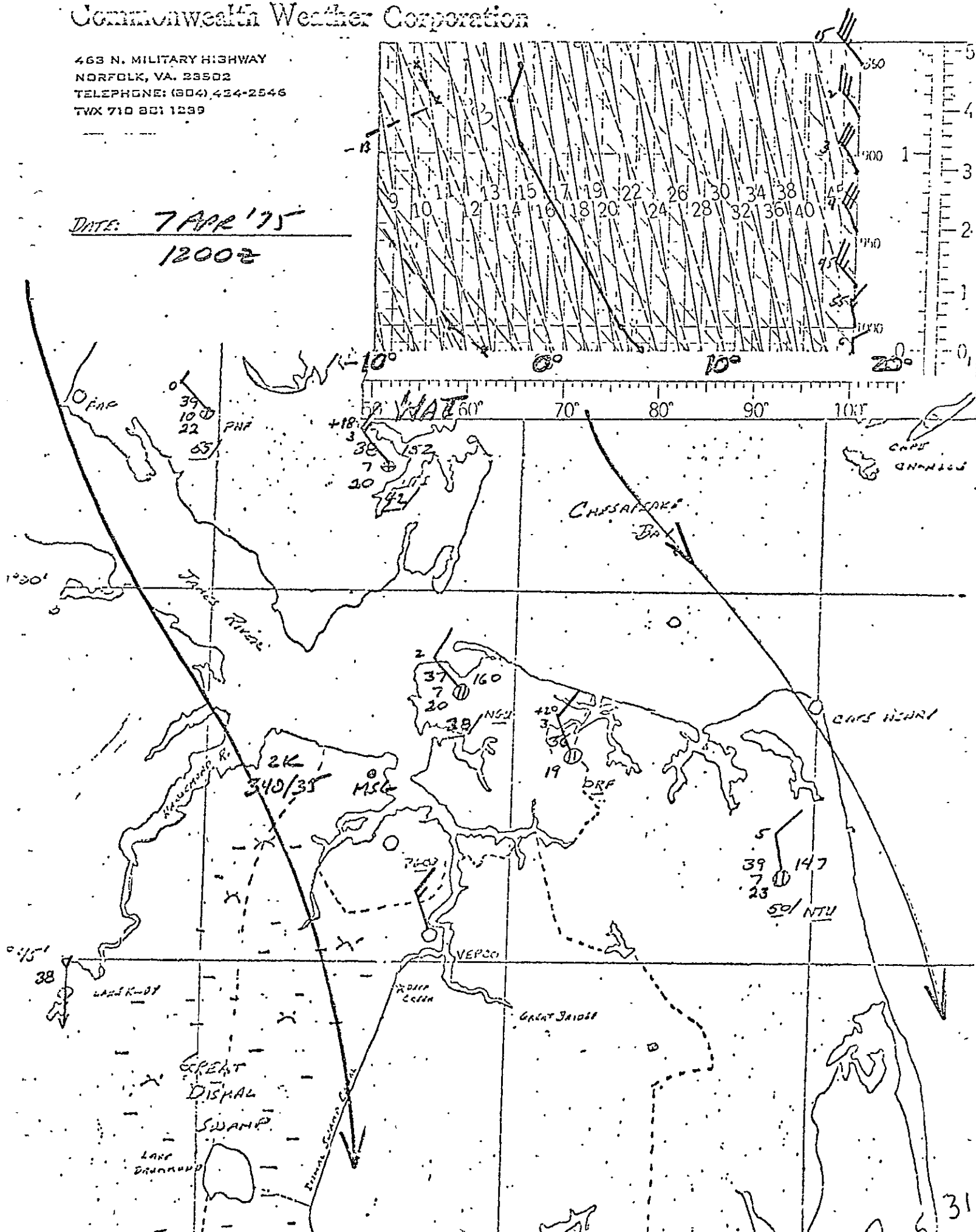
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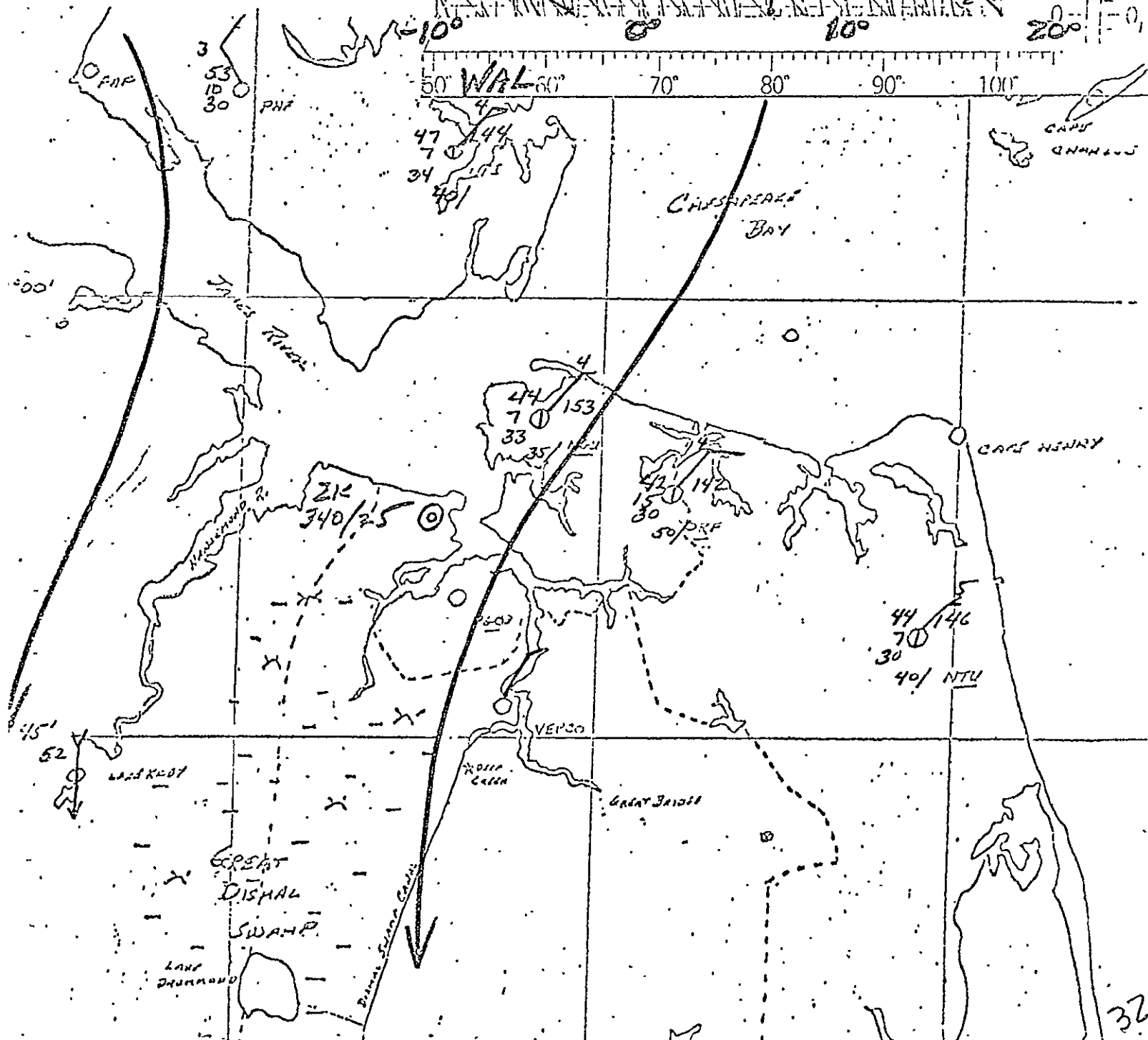
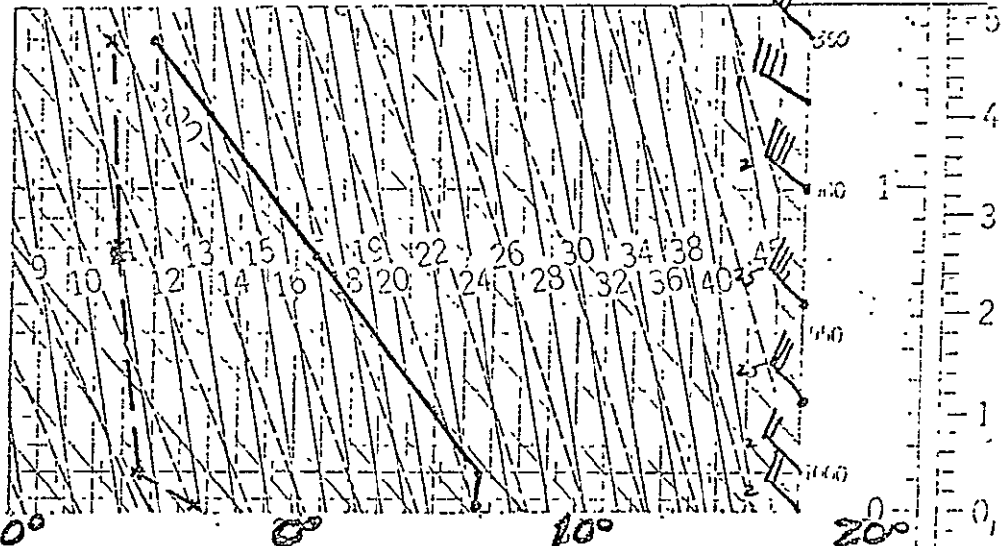


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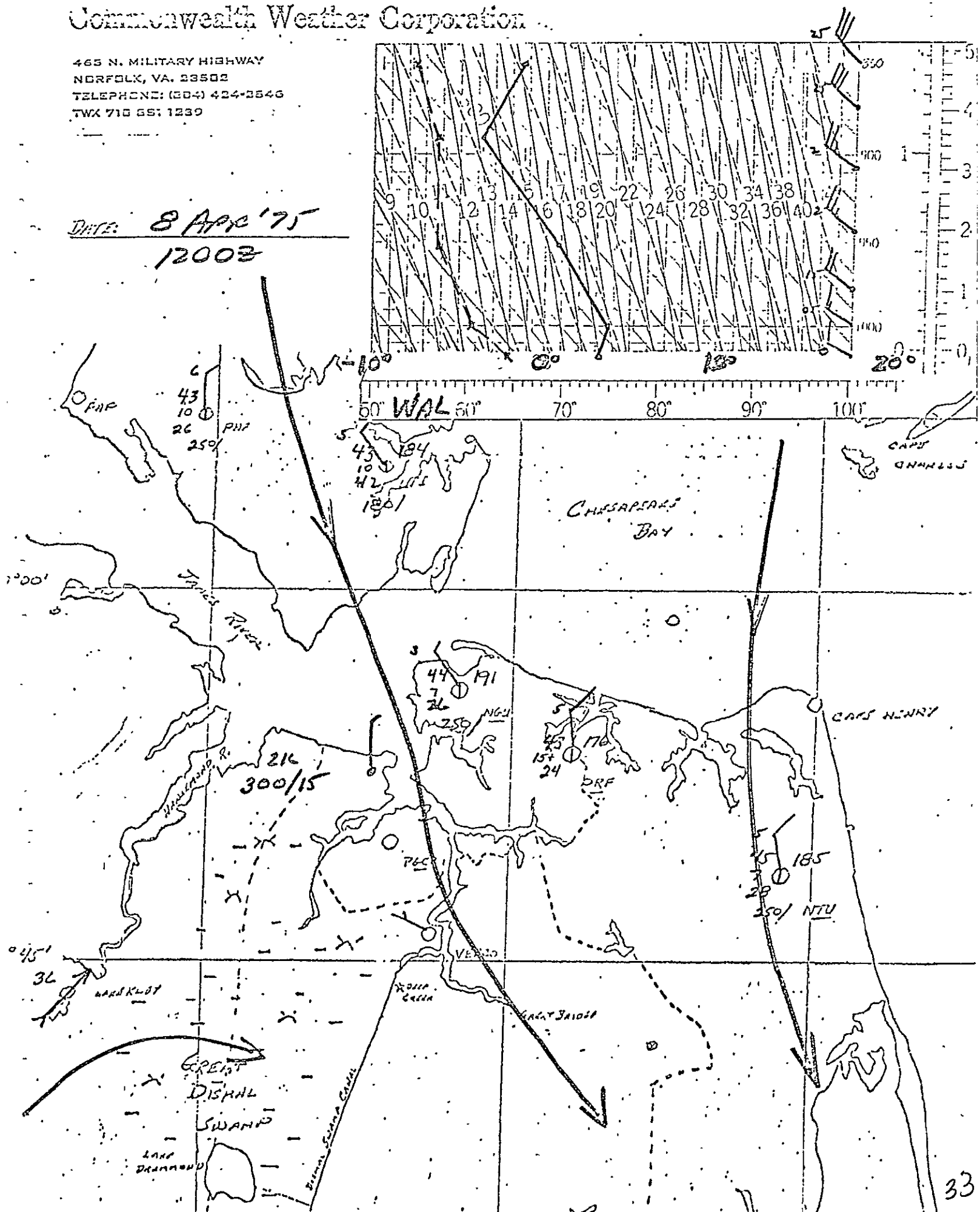
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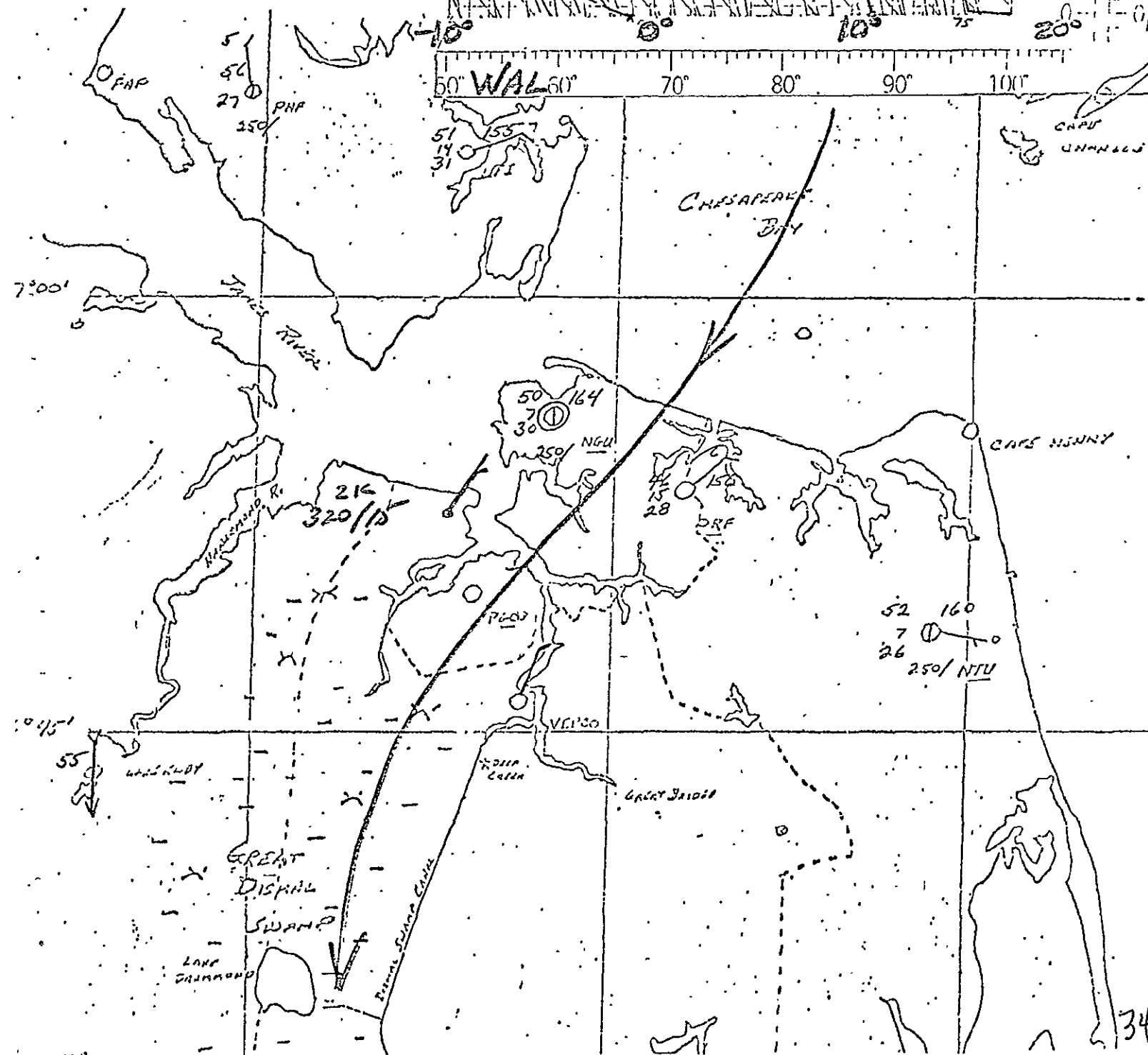
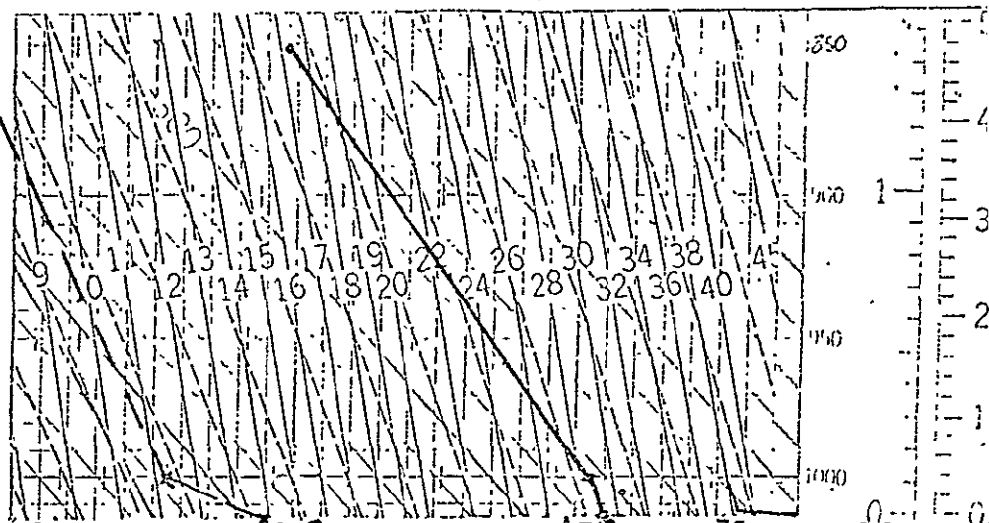
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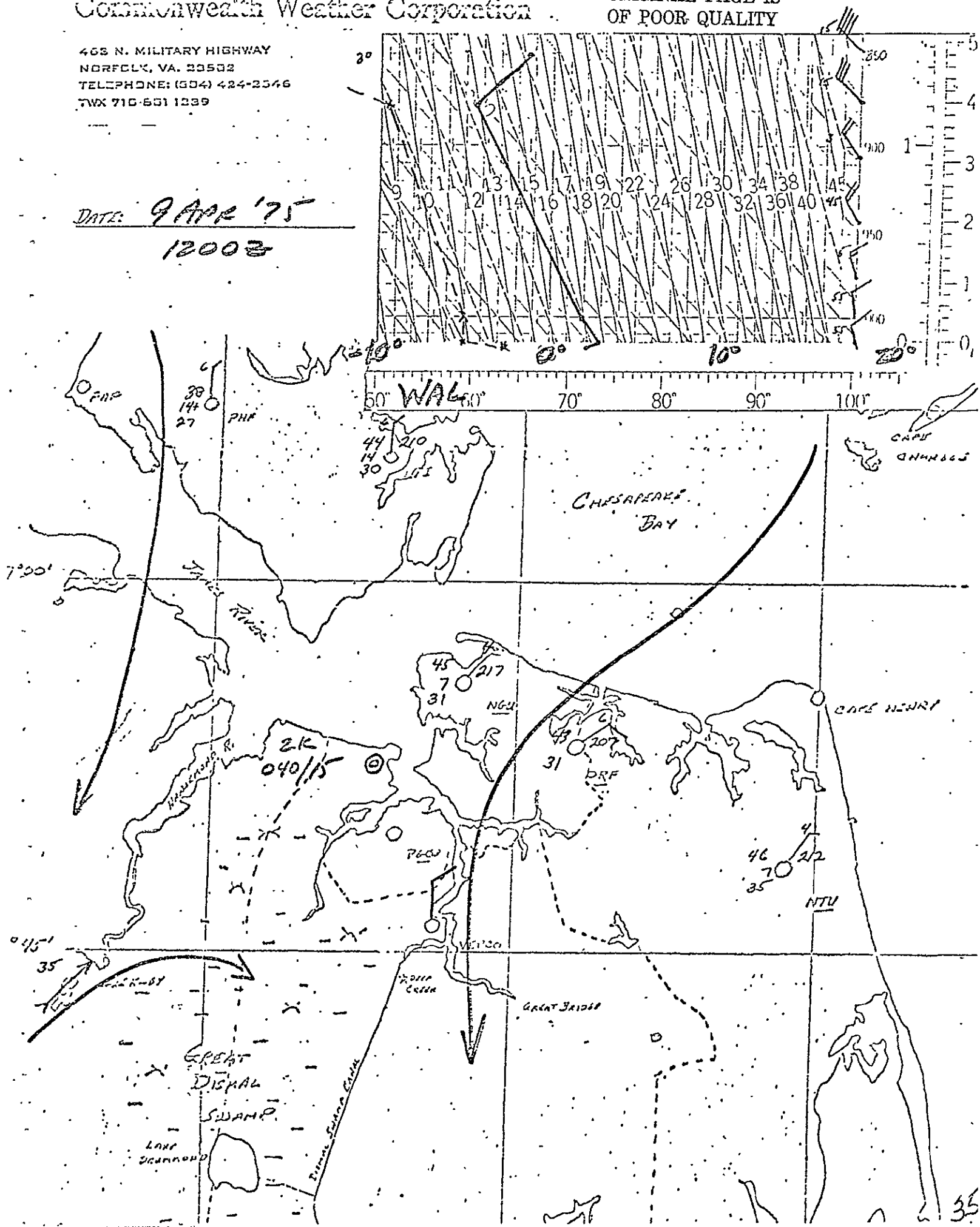


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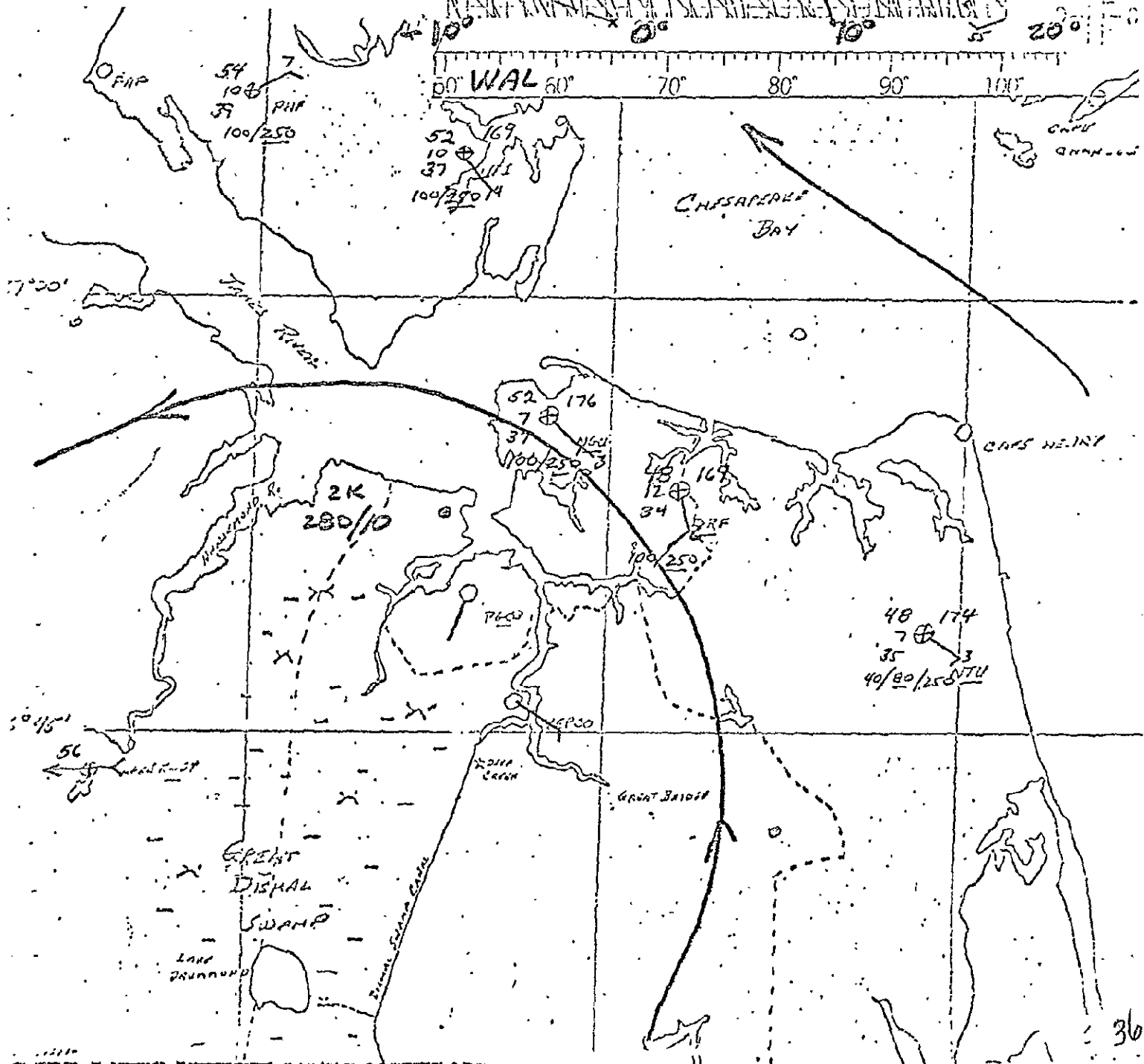
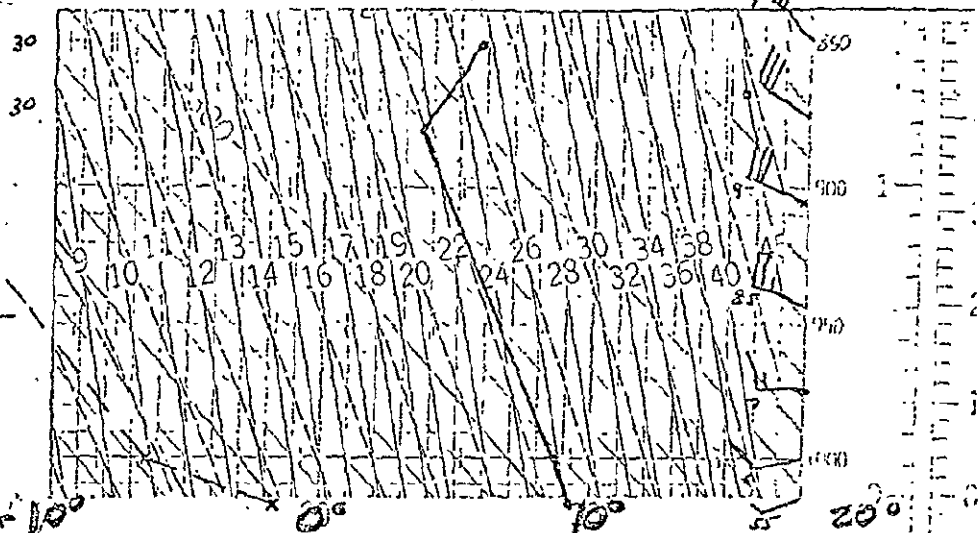
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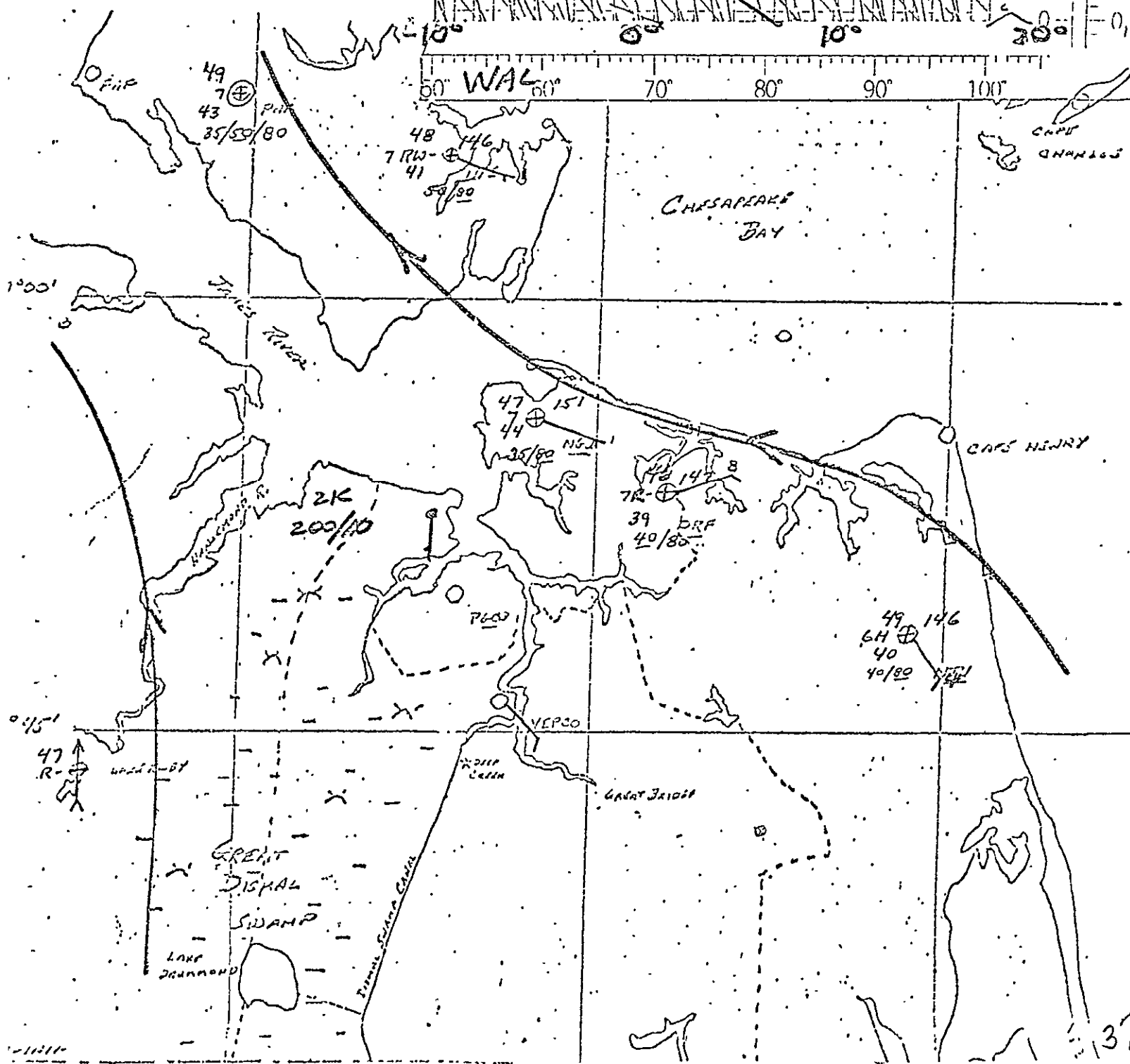
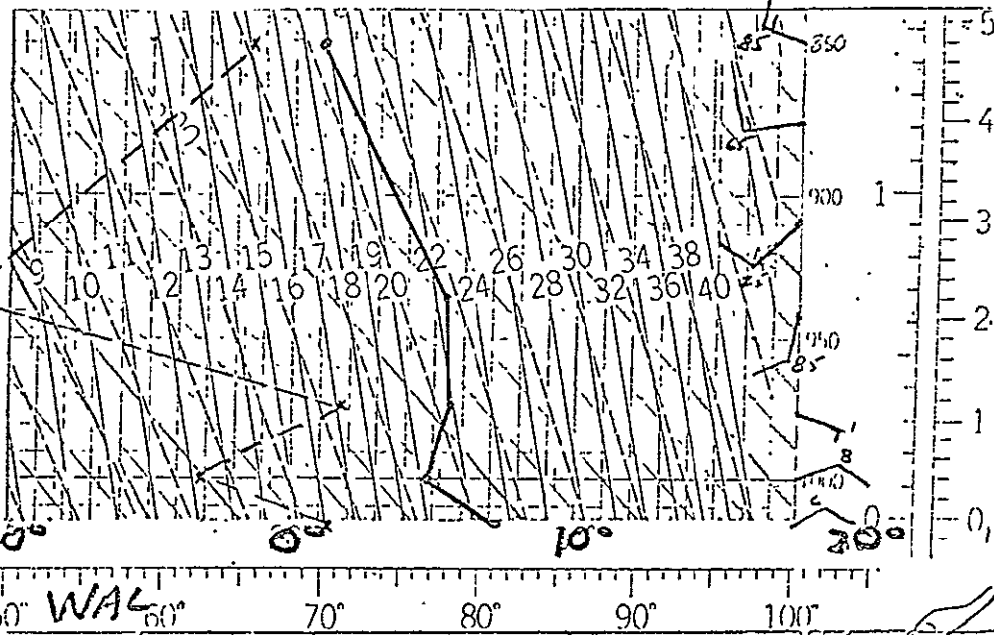
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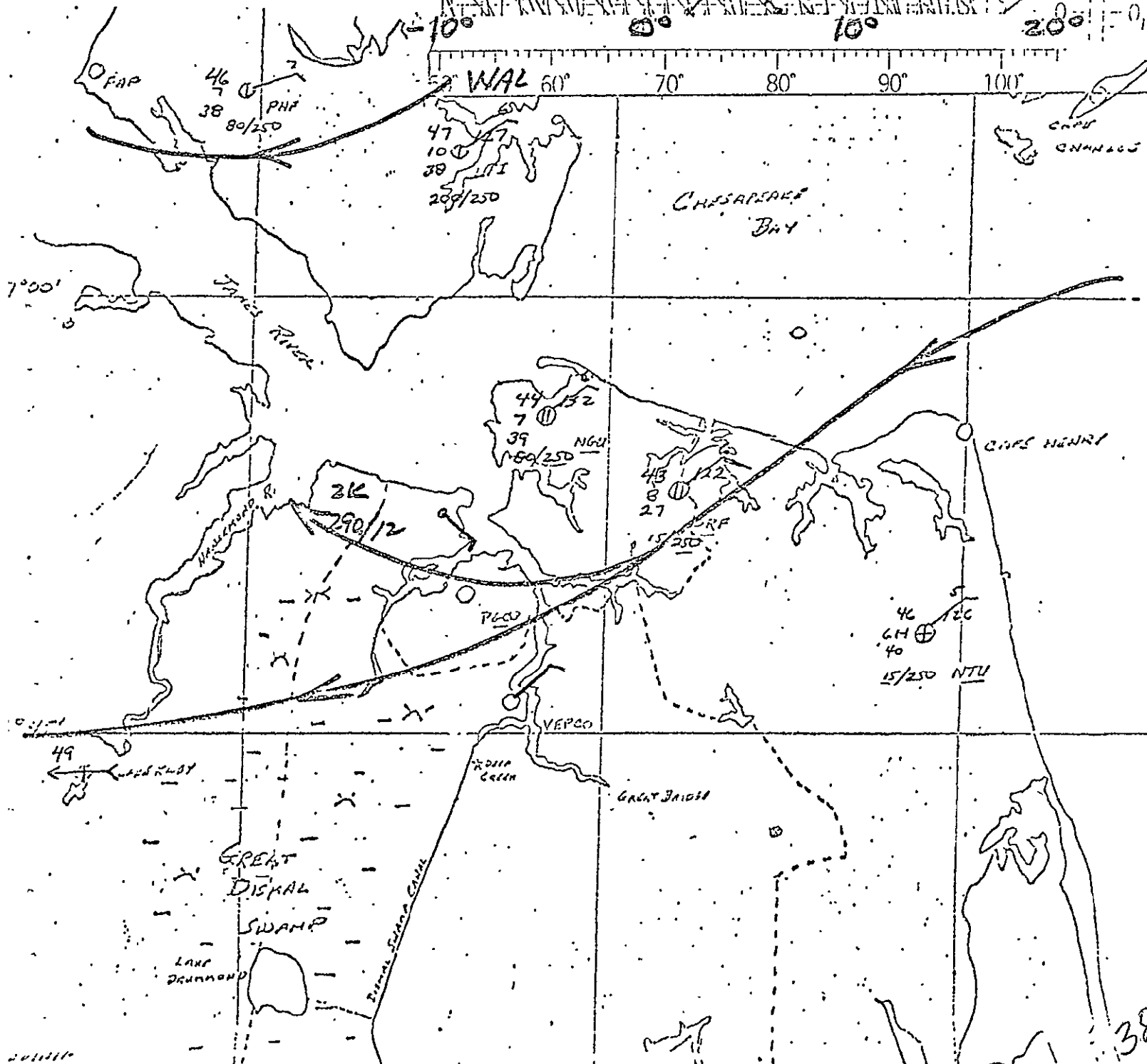
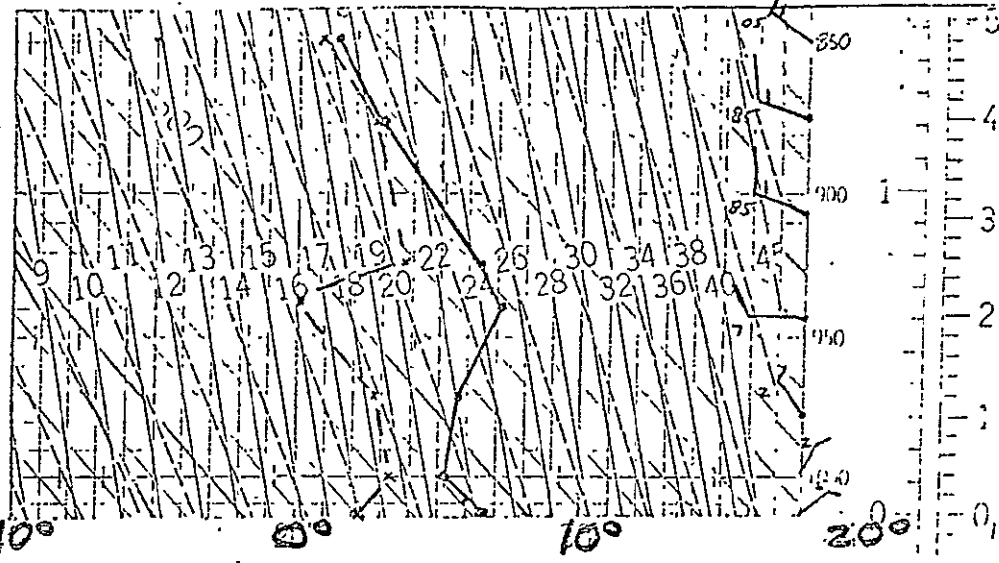
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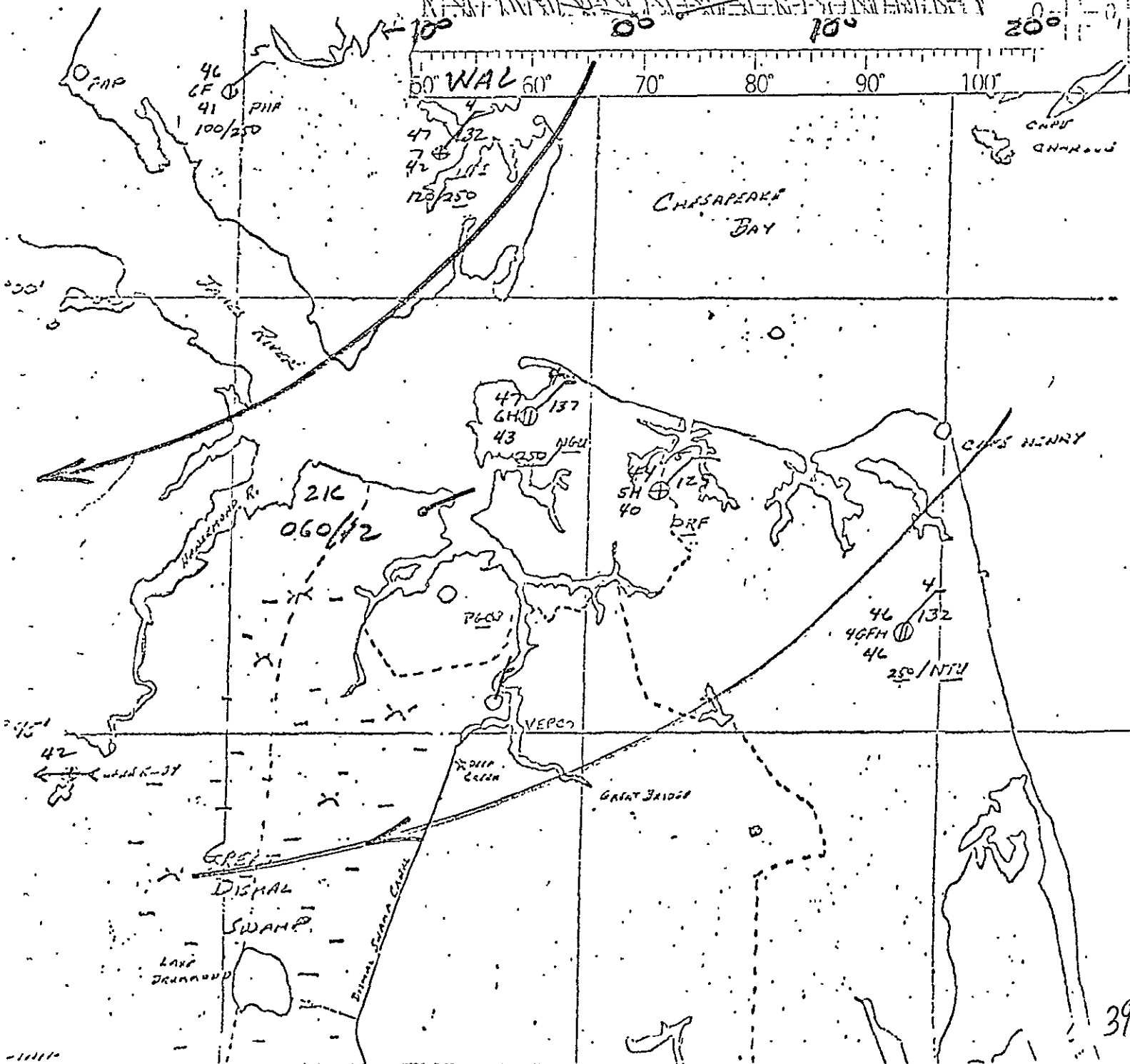
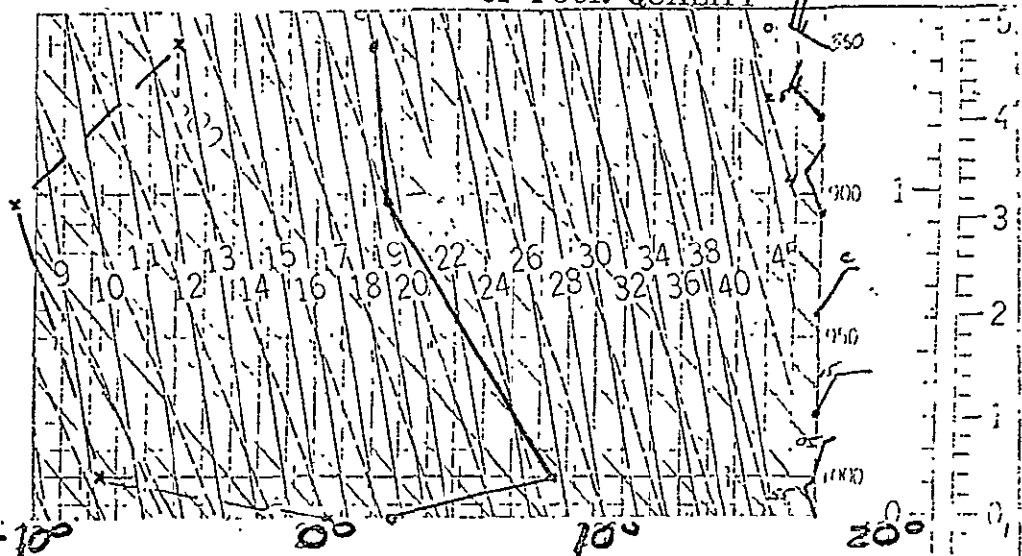


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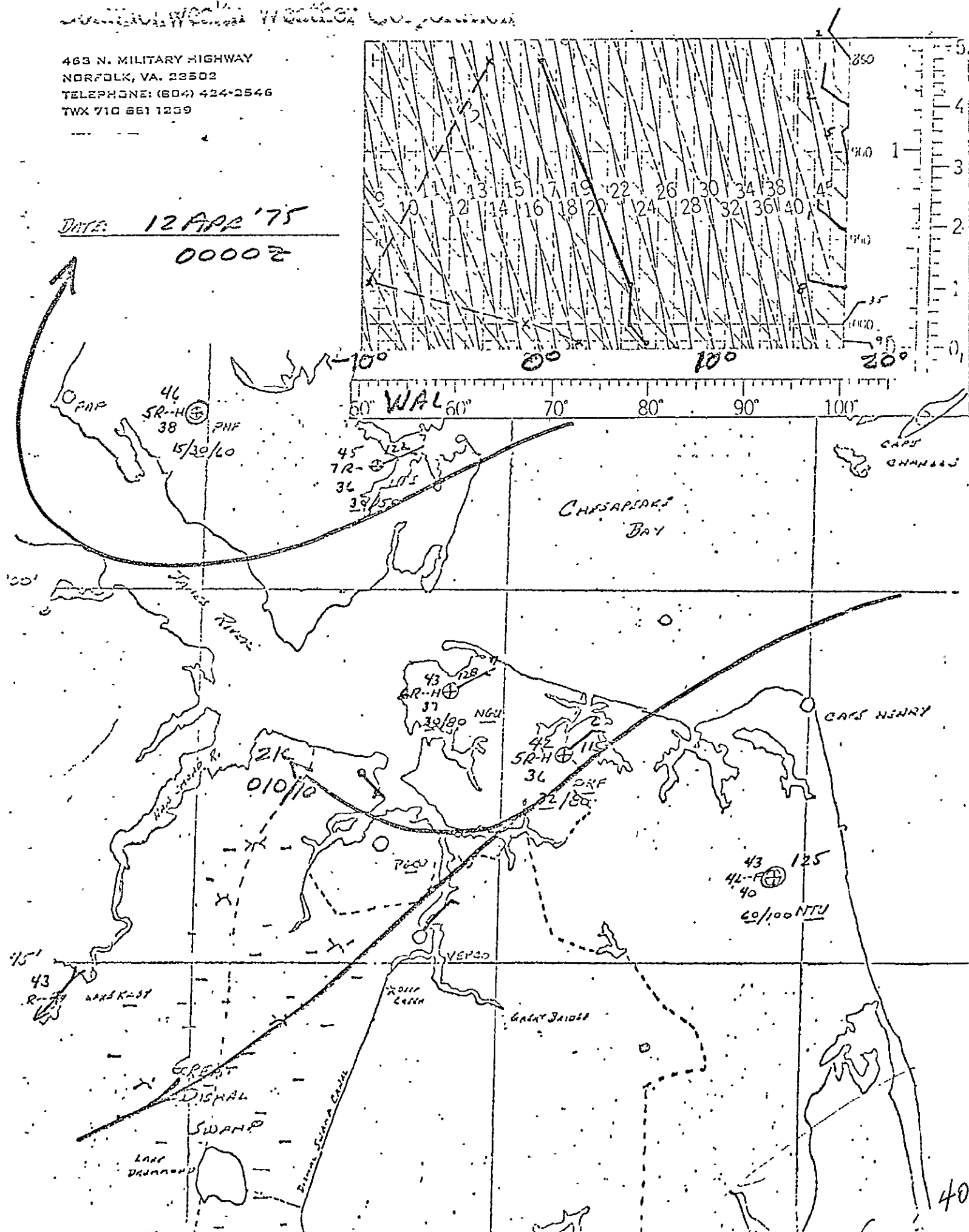
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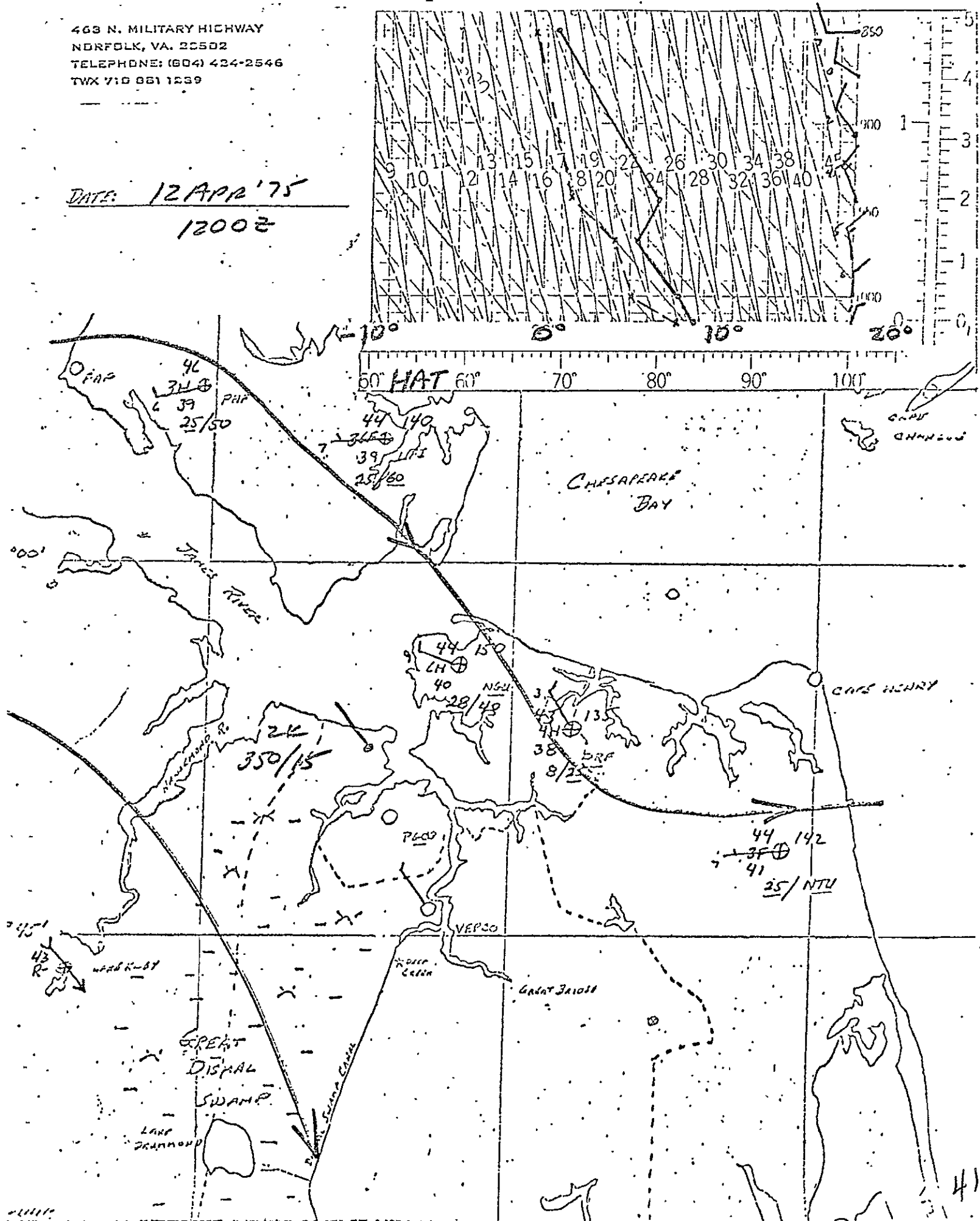
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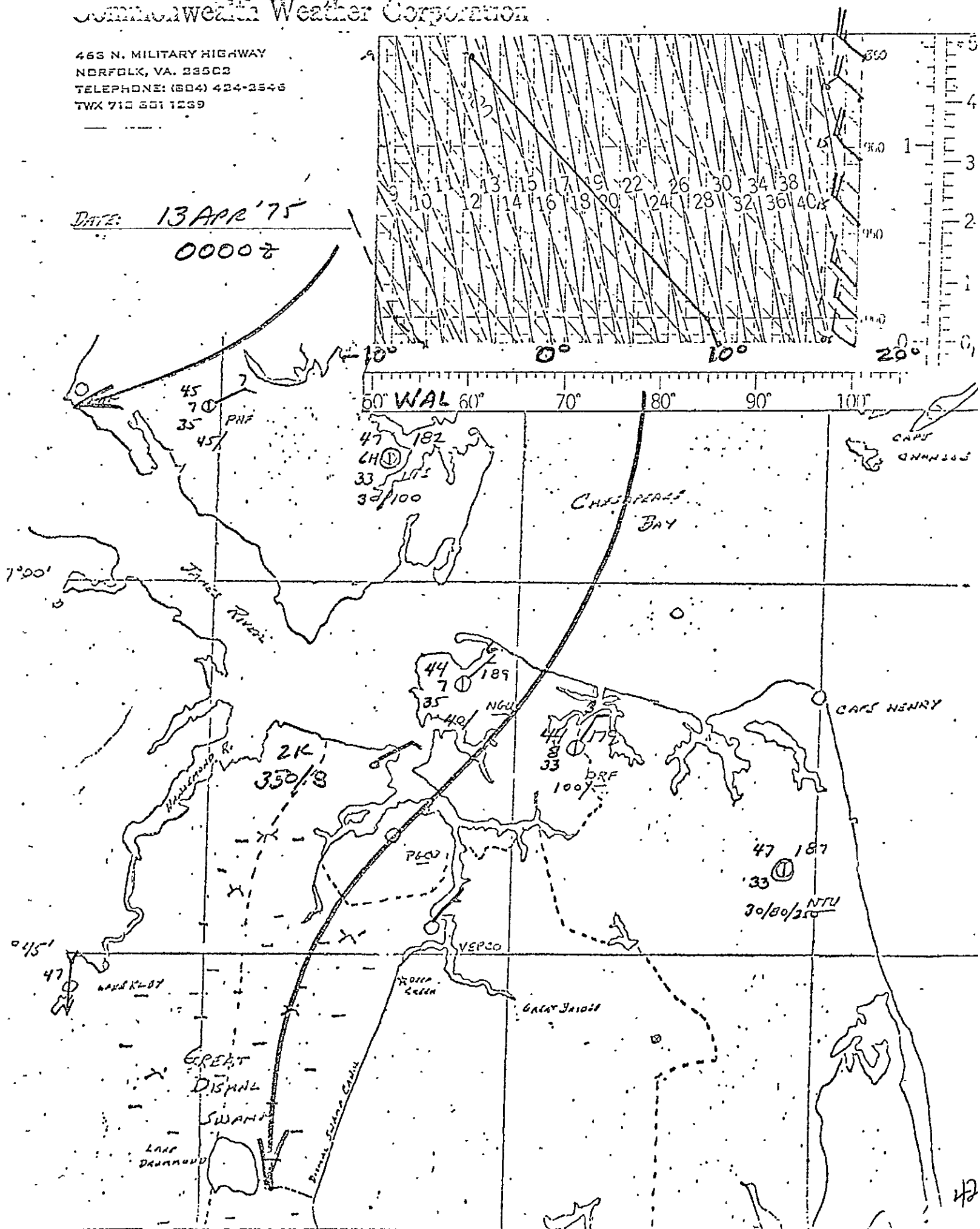
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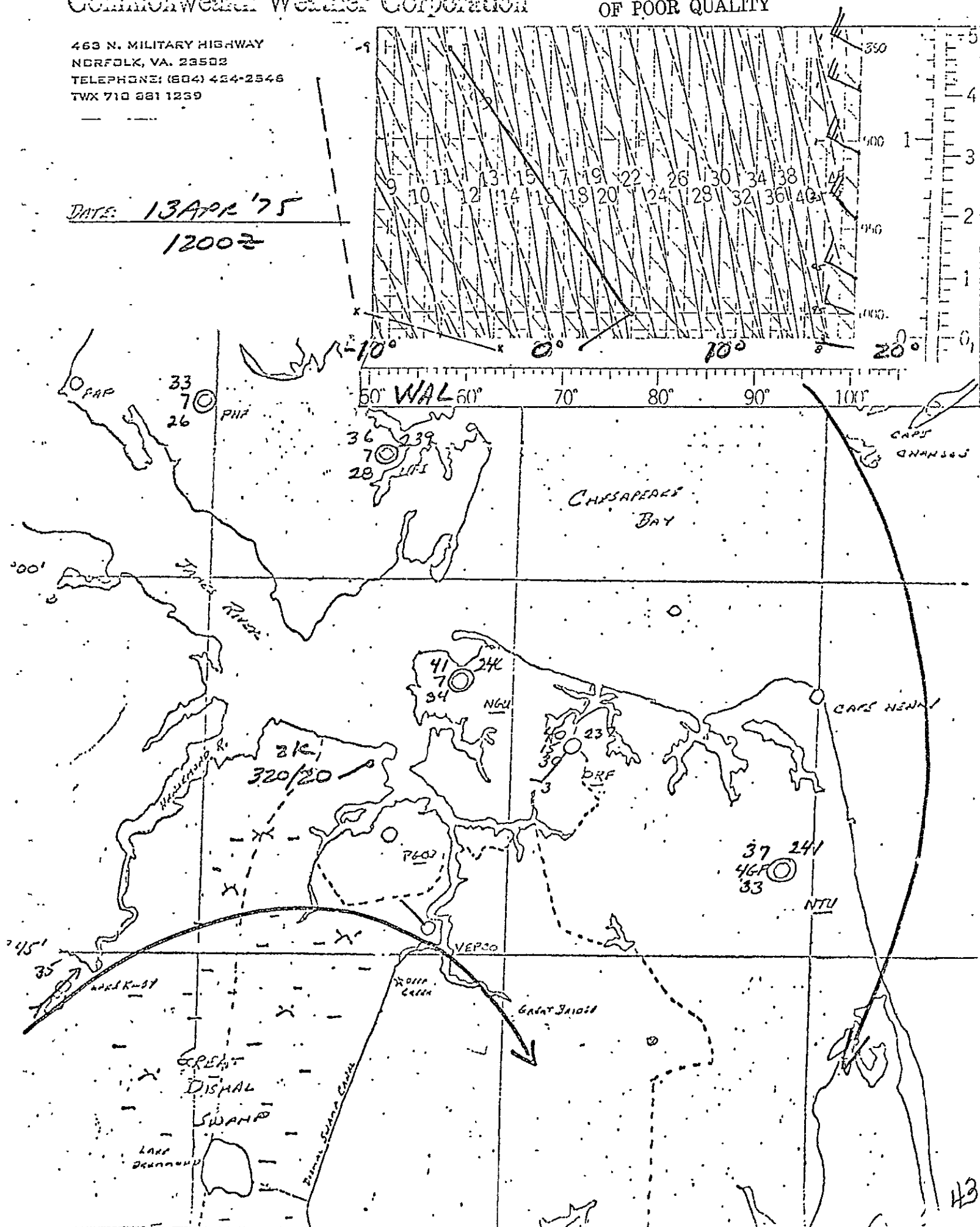


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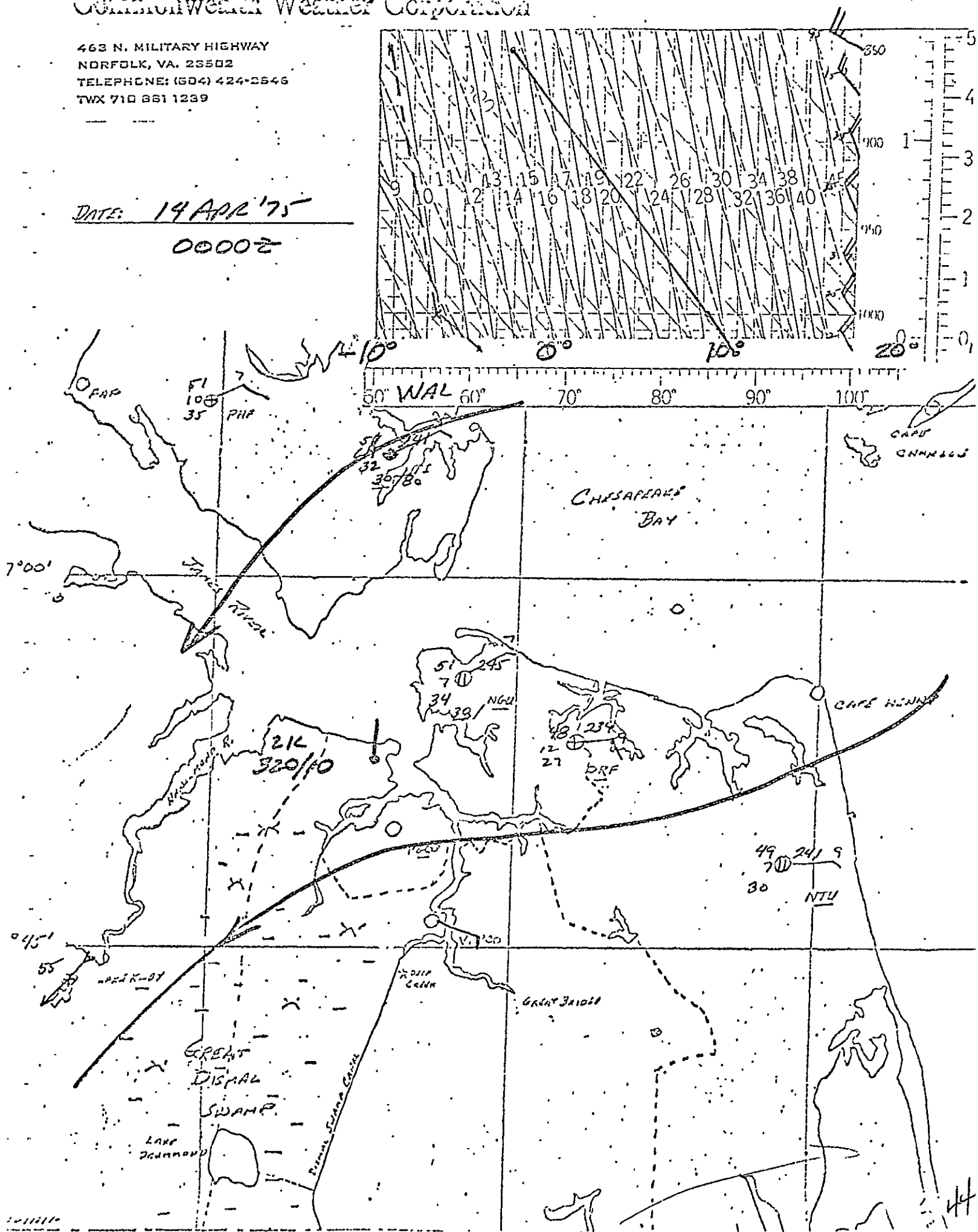
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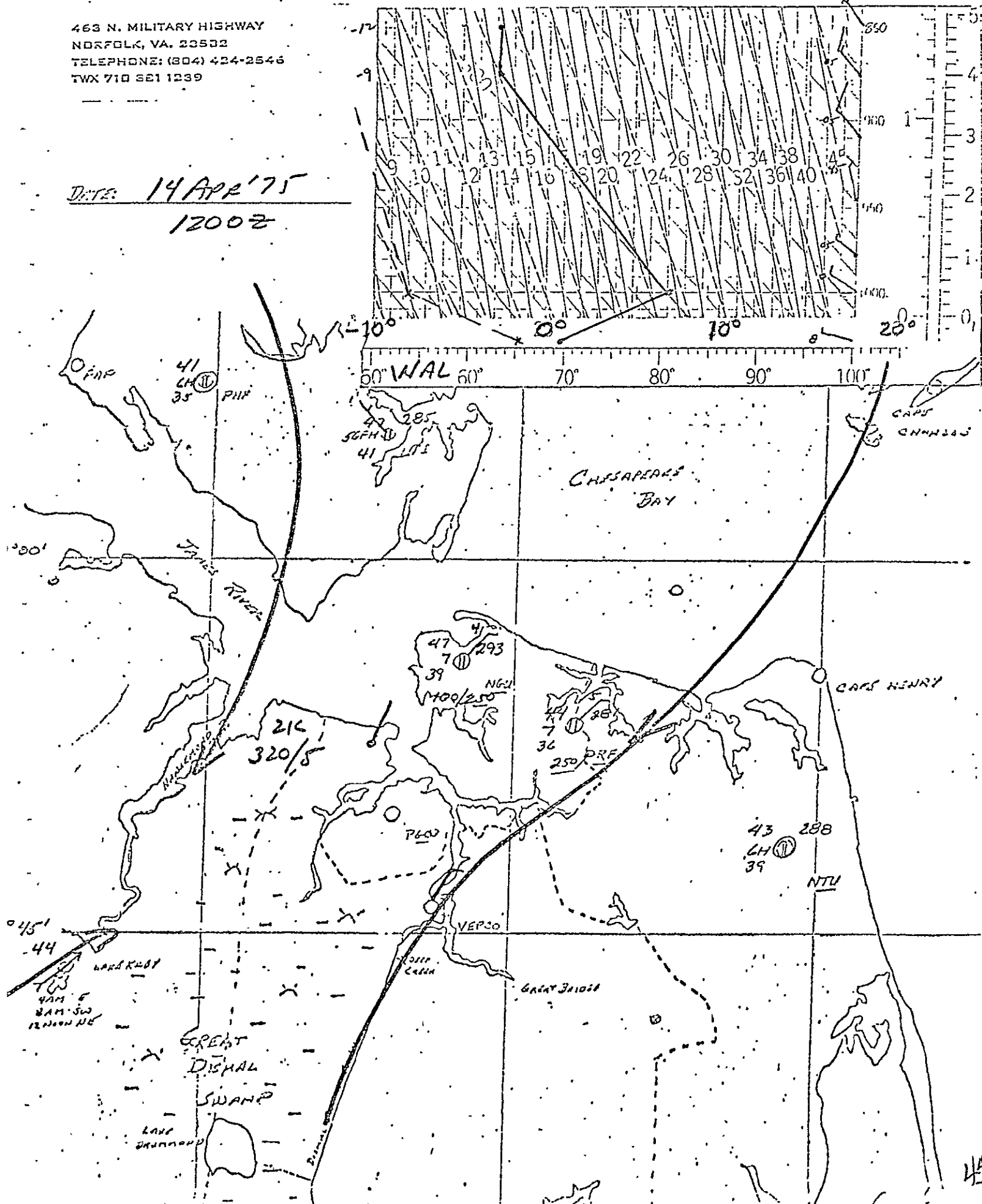
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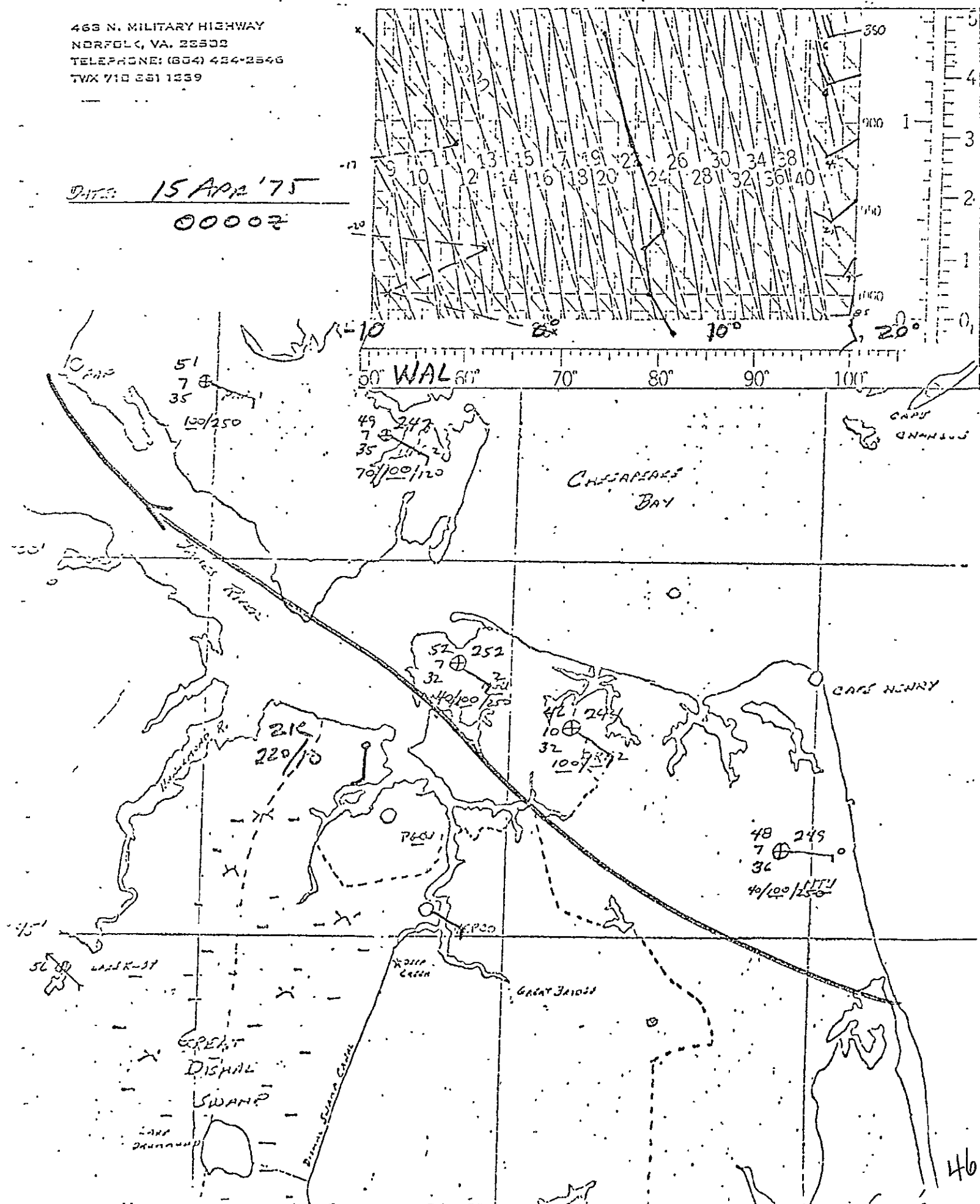
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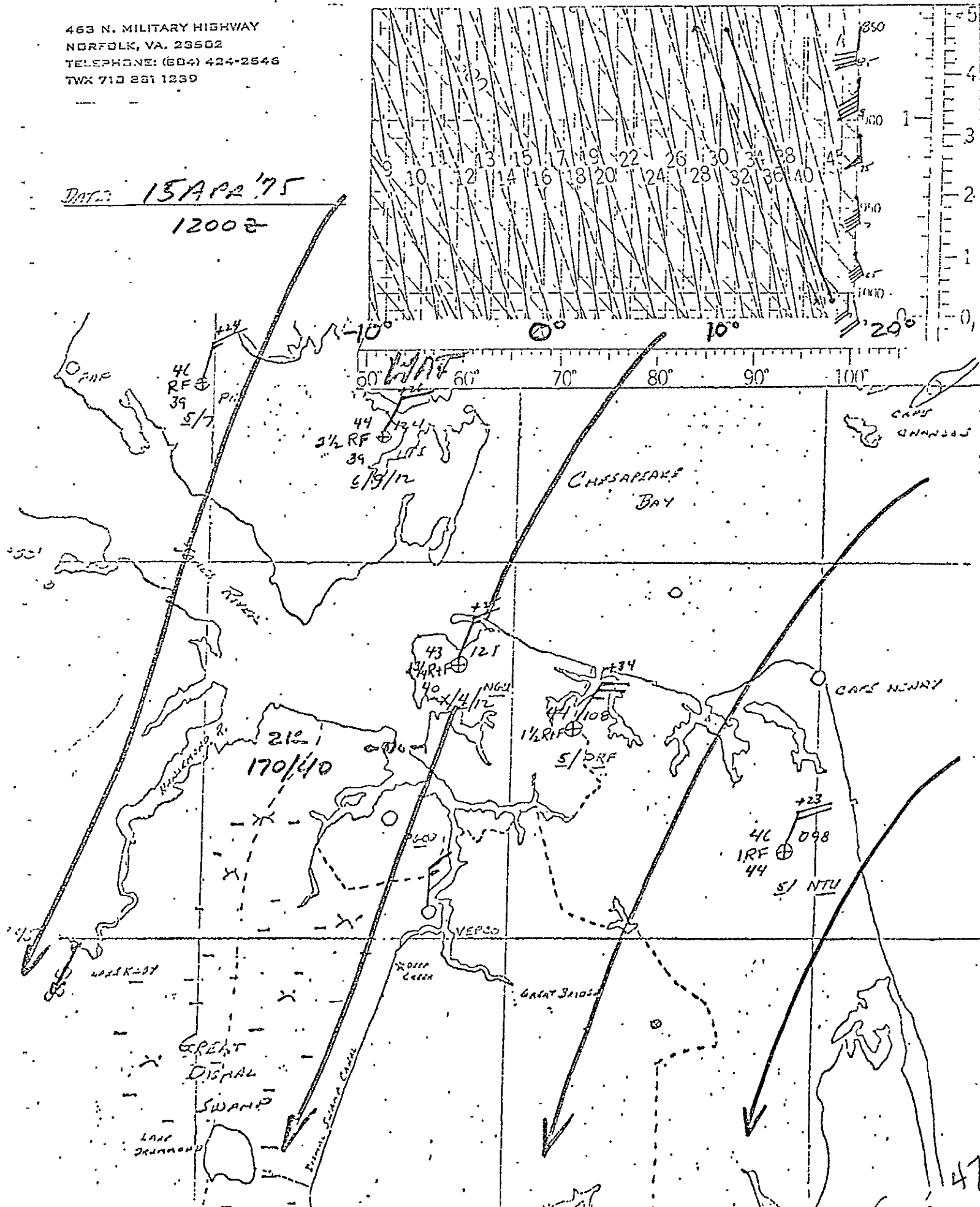
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TWX 710 351 1239

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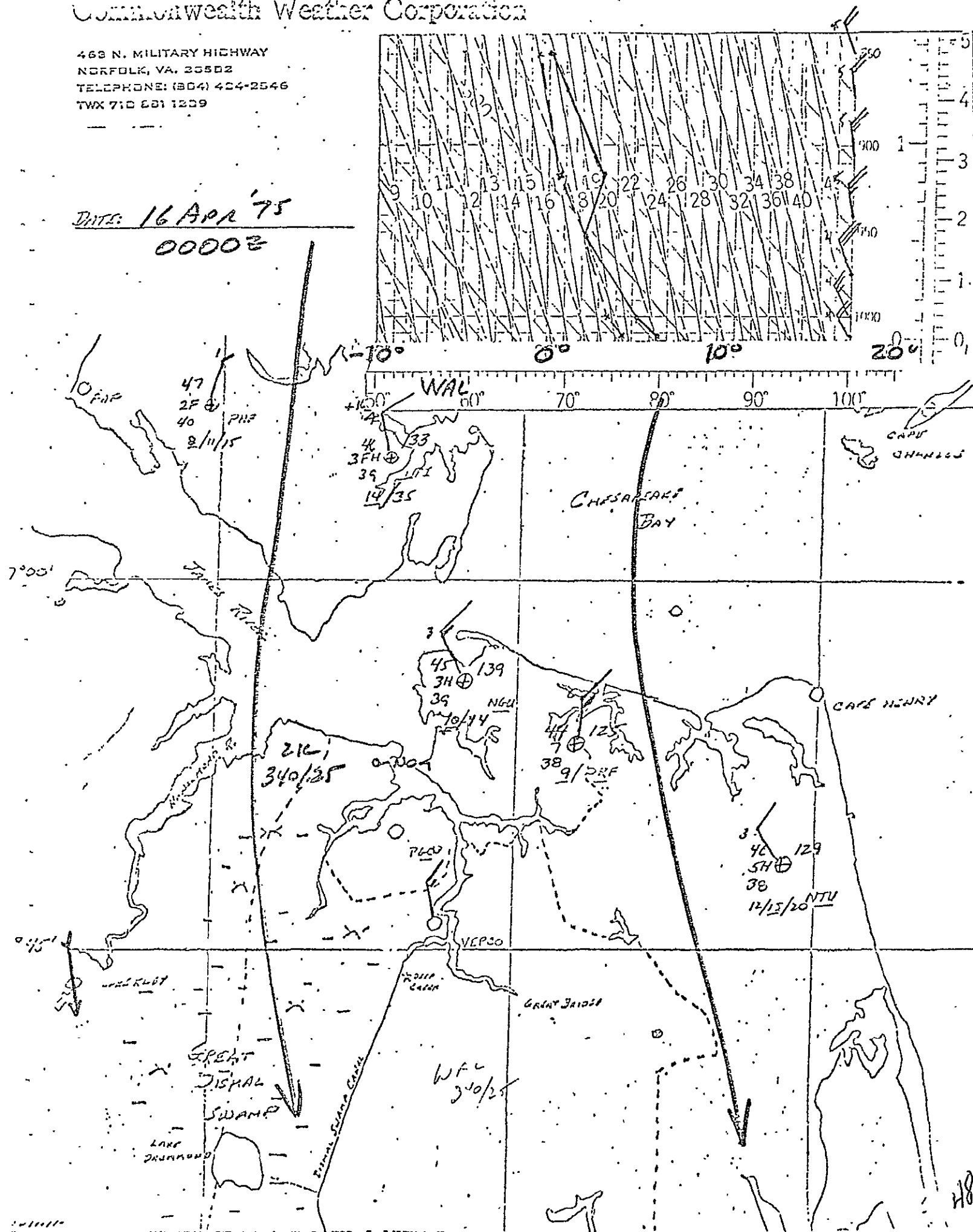
DATE: 15 APR '75
12002



Commonwealth Weather Corporation

463 N. MILITARY HIGHWAY
NORFOLK, VA. 23502
TELEPHONE: (804) 424-2546
TWX 710 631 1239

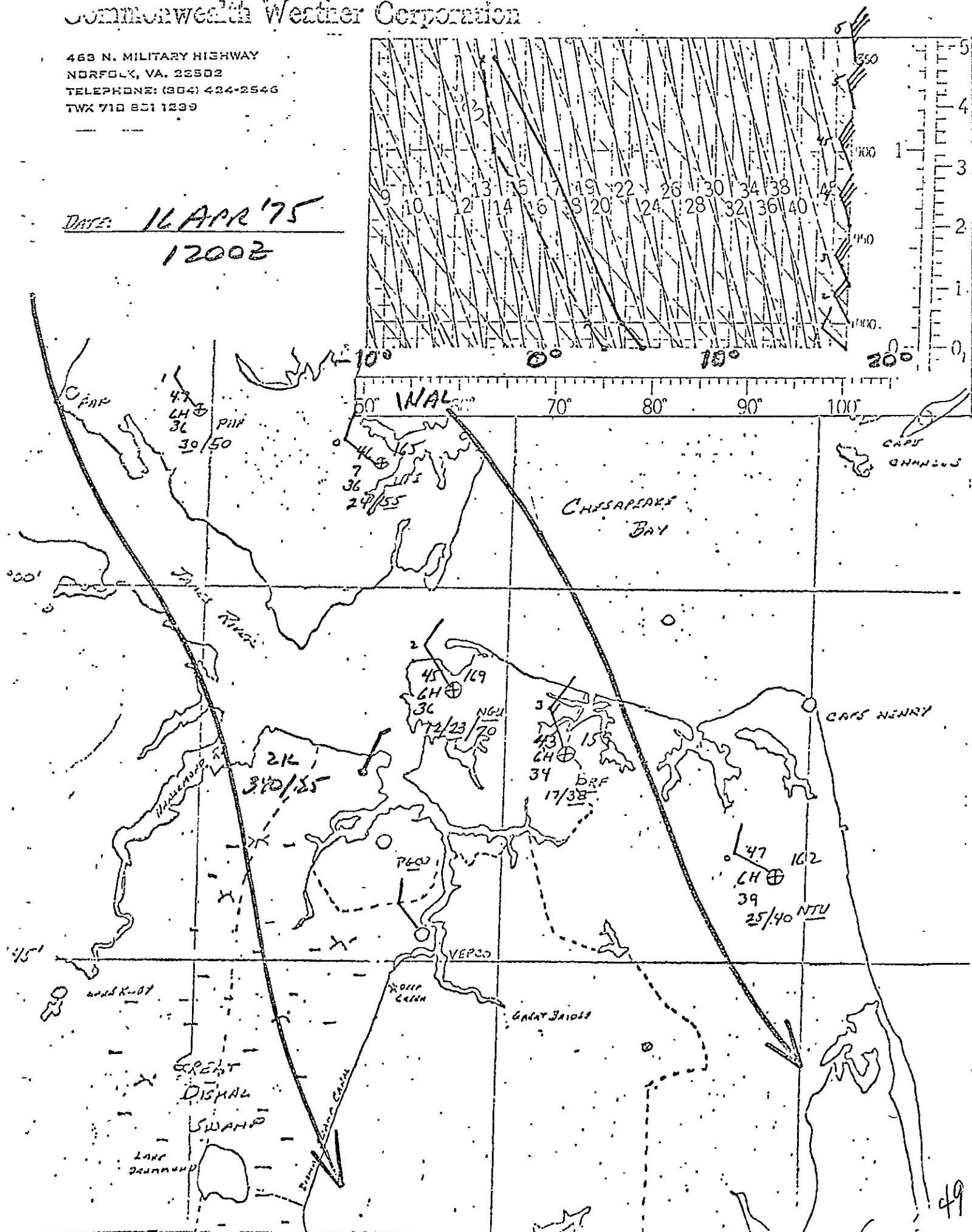
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Commonwealth Weather Corporation

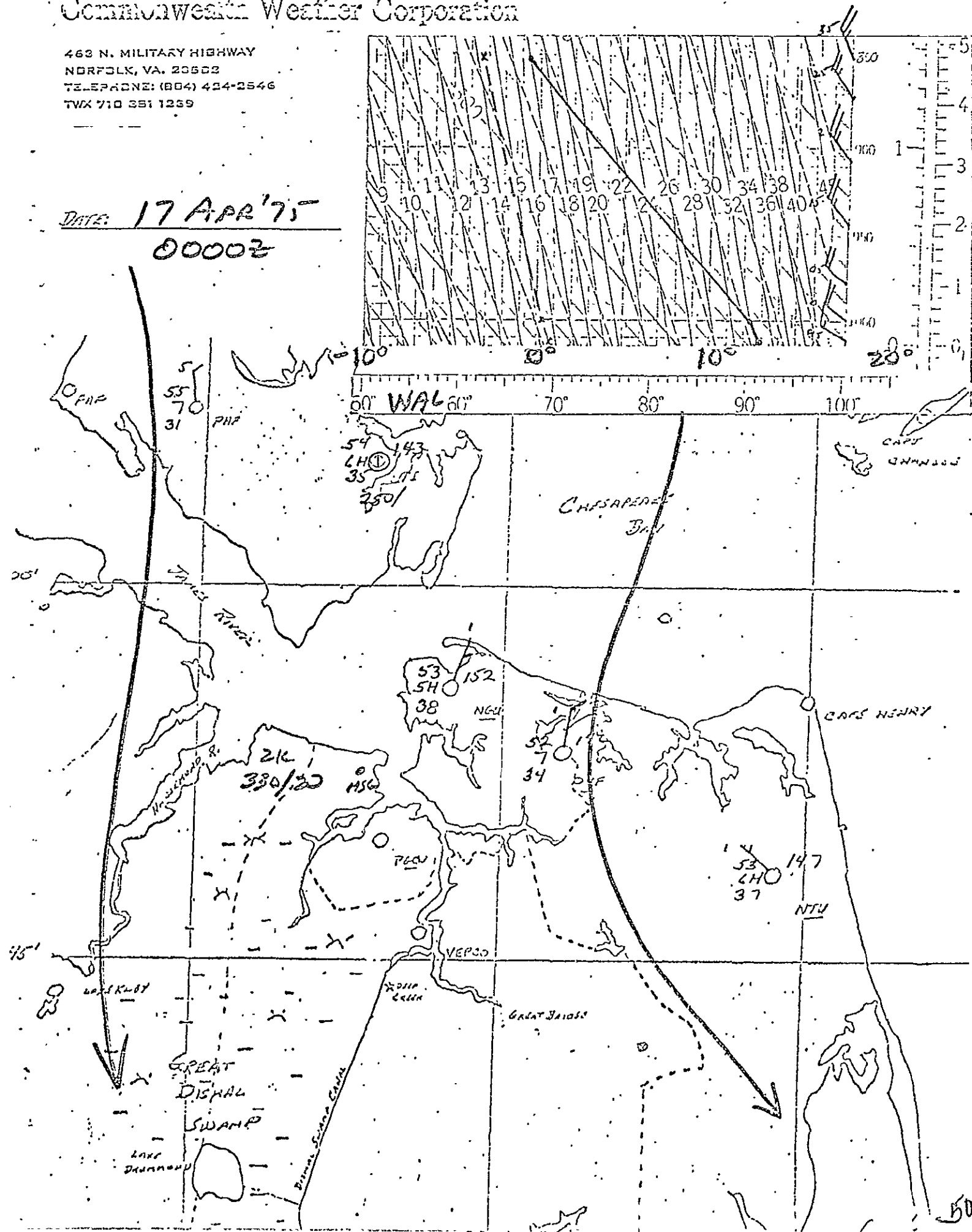
463 N. MILITARY HIGHWAY
NORFOLK, VA. 23502
TELEPHONE: (804) 424-2546
TWX 710 801 1239

DATE: 16 APR '75
1200Z



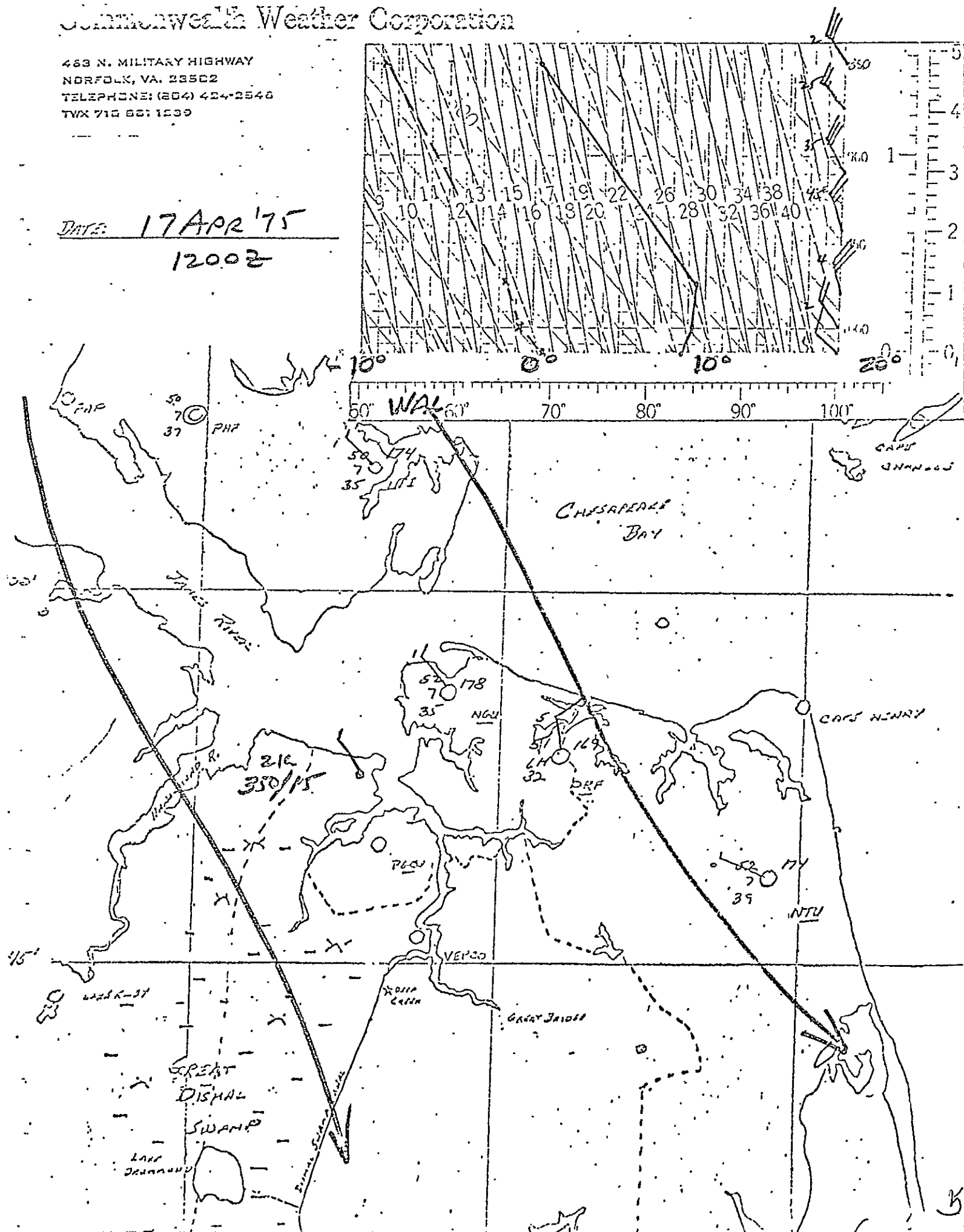
463 N. MILITARY HIGHWAY
NORFOLK, VA. 23502
TELEPHONE: (804) 424-2546
TWX 710 351 1239

DATE: 17 APR '75
00002



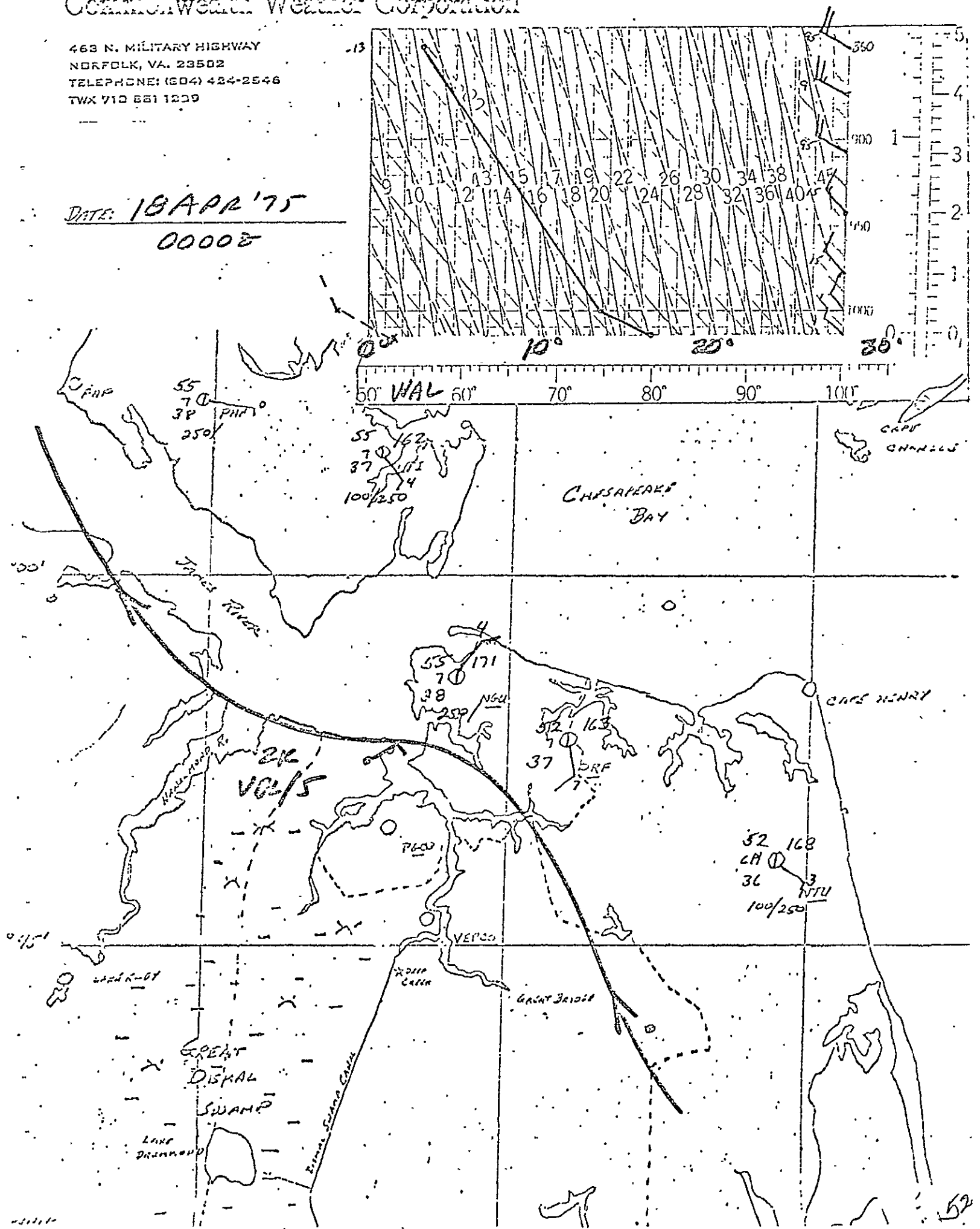
463 N. MILITARY HIGHWAY
NORFOLK, VA. 23502
TELEPHONE: (804) 424-2546
TWX 710 661 1239

DATE: 17 APR '75
1200Z



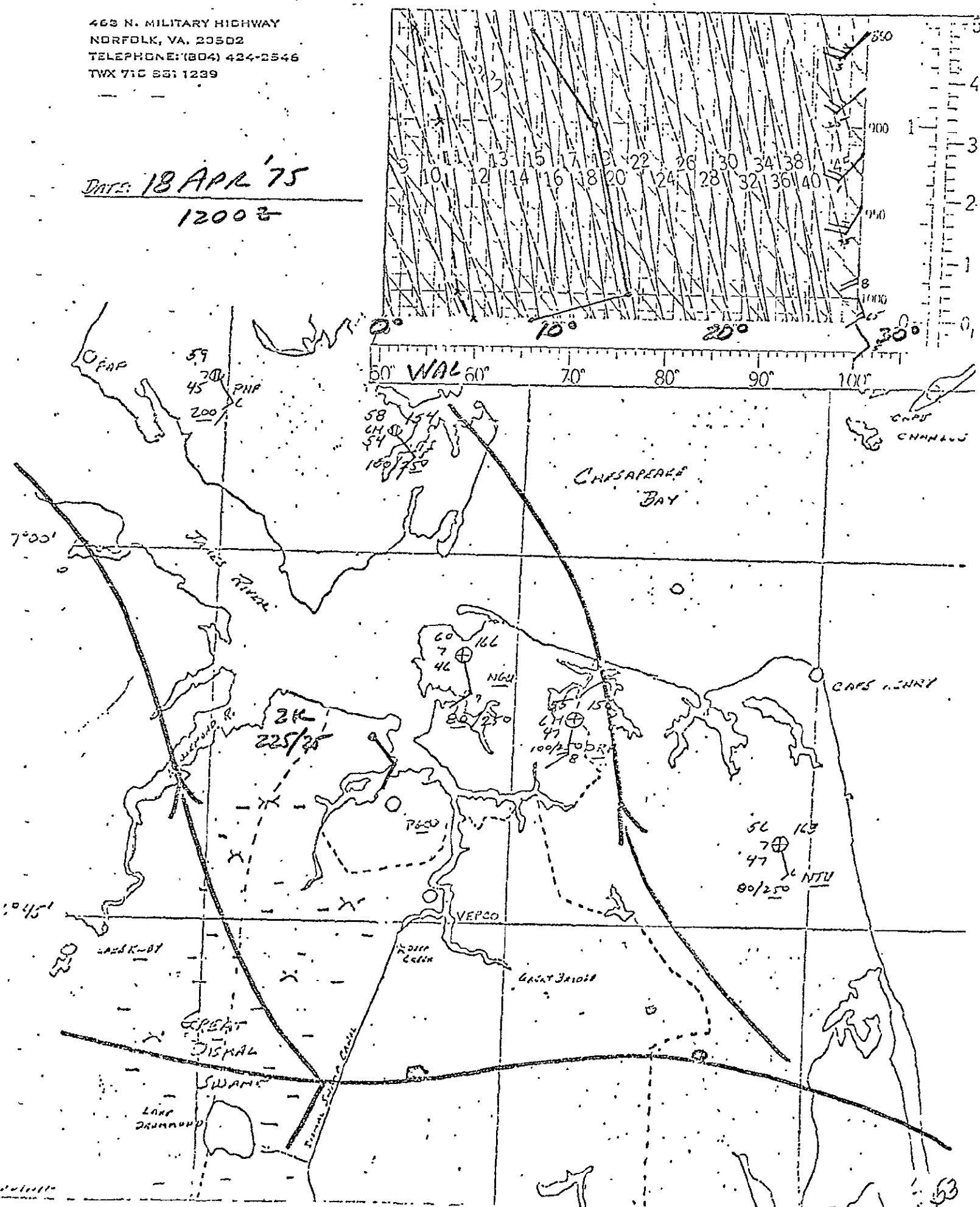
463 N. MILITARY HIGHWAY
NORFOLK, VA. 23502
TELEPHONE: (804) 424-2546
TWX 710 661 1209

DATE: 18 APR '75
00002



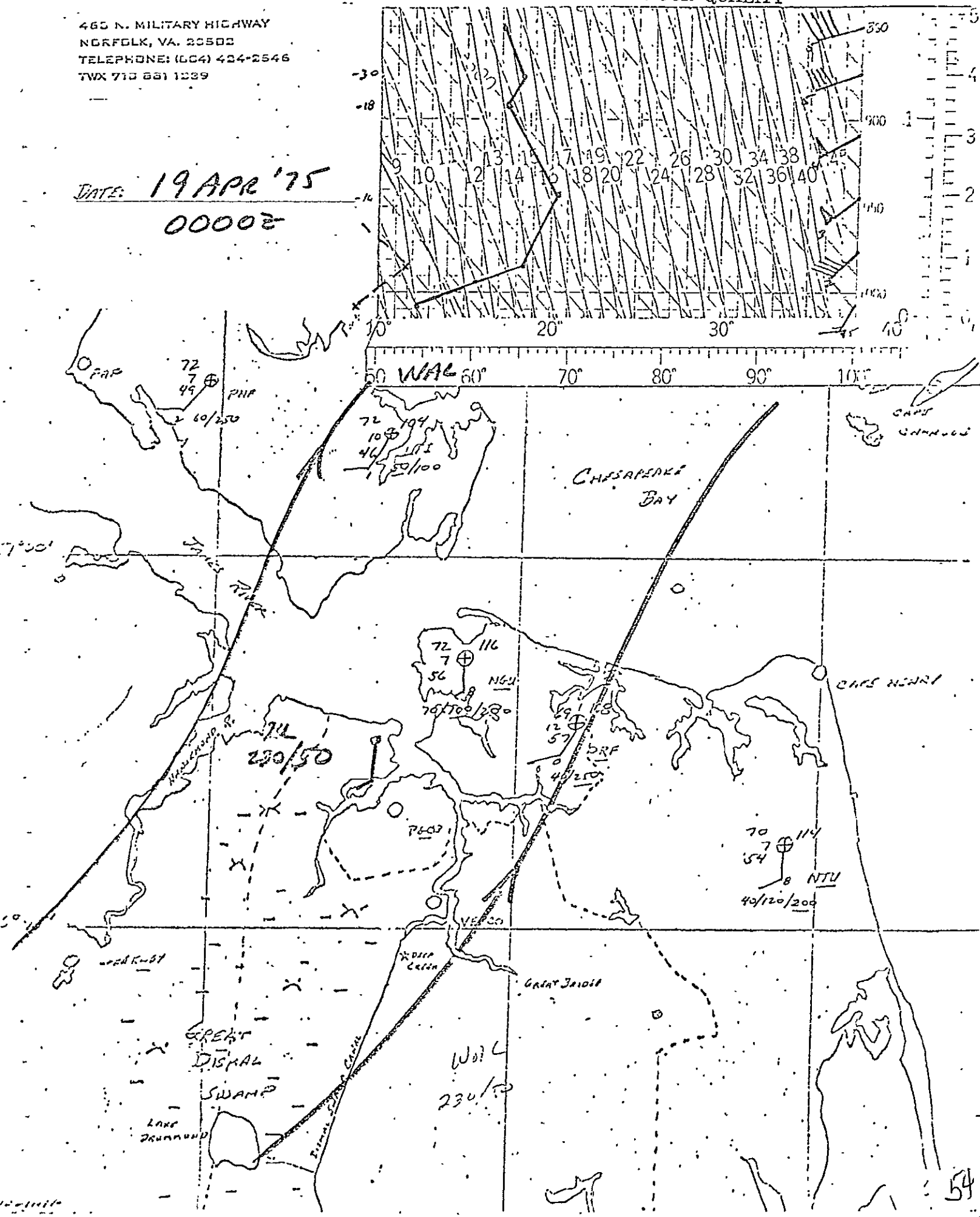
463 N. MILITARY HIGHWAY
NORFOLK, VA. 23502
TELEPHONE: (804) 424-2546
TWX 710 531 1239

DATE: 18 APR '75
1200Z



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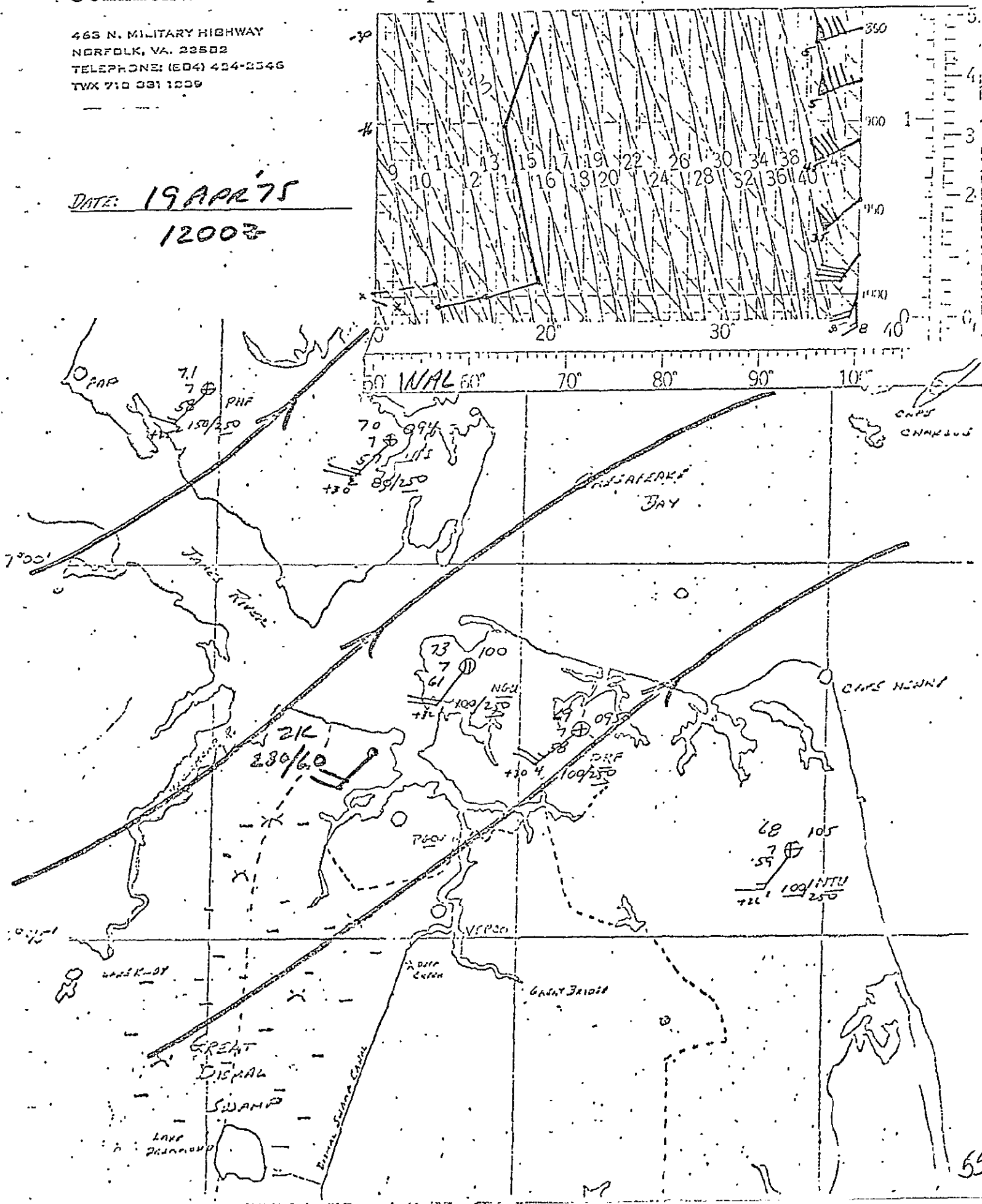
DATE: 19 APR '75
00002



Commonwealth Weather Corporation

463 N. MILITARY HIGHWAY
NORFOLK, VA. 23502
TELEPHONE: (604) 434-2346
TWX 710 081 1209

DATE: 19 APR '75
1200Z



22 MARCH '75

23 MARCH '75

24 MARCH '75

EST	NGU	VITCO	KILBY	VAN	NGU	VITCO	KILBY	VAN	NGU	VITCO	KILBY	VAN
00	250-0 51/ 7 39 1608	W 10	OSI SE	SSE 10	250-0 51/ 7 52 2708	SE 8	OS9 W	W -	0 48/ 7 141 1503	SSW 14	OSO SE	SSE
01		W 10		9	7 59/ 7 50 2908	SE 8		WNW -		17		
02	250-0 52/ 7 36 1610	WNW 1		9	7 58/ 7 47 3007	SE 8		-	250-0 52/ 7 46 1507	16		
03	250-0 54/ 7 40 1610	NNW 5		S 9	7 55/ 7 48 3003	SE 9		NW -	250-0 54/ 7 48 1606	SW 18		
04		NNW 1	OS2 SE	10	7 52/ 7 47 3102	SE 8	OS2 W	-	250-0 55/ 7 48 1605	SSW 12	OSO SE	
05	250-0 56/ 7 46 1609	NNW 1		10	7 51/ 7 44 3502	S 10	FO8	NNW -	350-0 56/ 7 46 1607	W 17		
06	250-0 57/ 7 47 1609	C		10	7 49/ 7 42 3302	SW 8		-	350-0 58/ 7 51 1608	2		
07	100-0 250-0 60/ 7 48 1710	C		10	7 50/ 7 44 C	8		N -	300-0 61/ 7 53 1710	5 8		5
08	600-0 100-0 62/ 7 49 1712	NNE 4	CY57 S	10	7 54/ 7 41 3403	SSW 11	OK W	NNW -	110-0 300-0 63/ 7 52 1710	11	CY57 SE	
09	700-0 120-0 65/ 7 51 1708	N 6		SSW 10	250-0 50/ 7 39 0200	SSE 5		-	900-0 140-0 67/ 7 50 1808	SSW 14		
10	120-0 250-0 60/ 7 52 1810	NNE 7		10	250-0 53/ 7 38 0108	5		N -	700-0 64/ 7 54 1812	10		SSW
11	120-0 250-0 75/ 7 53 1813	NNE 7		8		4		NNE 9	300-0 800-0 77/ 7 54 1910	SW 12		
12	100-0 200-0 75/ 7 52 2017	NNE 2	CY70 W	11	120-0 250-0 54/ 7 39 0304	SE 4	OK E	NE 8	250-0 77/ 7 56 1915	SSW 10	PC74 S	
13	500-0 120-0 73/ 7 56 1913	NE 4		15	7 55/ 7 39 0605	SSE 4		9	300-0 100-0 83/ 7 56 2116	12		
14	400-0 800-0 70/ 7 55 1710	EHE 2	R-	15	7 56/ 7 38 0804	5		9	300-0 100-0 83/ 7 56 2212	10		
15	400-0 800-0 73/ 7 54 1811	EHE 1	R-	S 8	7 60/ 7 40 0406	5		NNW 7	240-0 77/ 7 54 2014	10		
16	400-0 800-0 71/ 7 55 2211	SE 8	CY73 S	SSW 12	7 60/ 7 42 0405	4	OTO S	6	250-0 77/ 7 56 2112	W 9	CY80 S	
17	300-0 800-0 65/ 7 52 2012	SE 5		SW 9	250-0 61/ 7 43 1108	4		ESE 7	300-0 100-0 83/ 7 56 2212	9	R	W
18	300-0 800-0 64/ 7 52 2210	SE 10		SSW 13	250-0 58/ 7 40 1406	9		SSE 8	250-0 77/ 7 56 2112	SSW 12	R	WSK
19	230-0 800-0 61/ 7 54 2312	SE 7	R	SW 10	250-0 54/ 7 38 1508	S 8		9	300-0 800-0 64/ 7 56 1710	W 9		S
20	300-0 800-0 60/ 7 53 2508	SE 7	R41 S	WSW -	250-0 52/ 7 33 1404	SSE 11	OS5 SE	9	800-0 120-0 64/ 7 56 1515	11	CY82 S	
21	400-0 250-0 63/ 7 53 2412	SE 8		-	250-0 51/ 7 38 1505	S 11		9	800-0 120-0 67/ 7 59 2112	NNW 18		SSW
22	400-0 250-0 63/ 7 54 2512	SE 8		-	7 56/ 7 38 1302	12		9	800-0 120-0 67/ 7 58 2112	20		SW
23	250-0 60/ 7 52 2610	SE 8		-	7 49/ 7 38 1302	SSW 14		9	200-0 800-0 66/ 7 57 2310	SW 12		

WIND
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25 MAR '75

26 MAR '75

27 MAR '75

EST	NGLL	VAPCO	KILEY	VAN	NGLL	VAPCO	KILEY	VAN	NGLL	VAPCO	KILEY	VAN
00	2300 50 69 2307/18 7 57 18	SW 14	0414 SW	SW -	3000 53 3314/23 7 34 23	NNW 12	056 NW	NNW 6	0 47 3605 7 56 3605	NNW 14	041 NW	NNW
01		11		WSW 3	3000 51 3112 7 31 3112	NW 11		NW 7	0 38 120 3512 7 38 120 3512	12		
02	2300 50 69 2311 7 56 2311	10		3		WNW 2		WNW 8		10		
03		7		3	3000 48 3112 7 22 21	3		NW 6	0 36 18 3612 7 18 3612	18		
04	2300 61 2312 7 55 2312	10	0413 SW	3	0 40 3111/19 7 22 19	NW 10	046 NW	6	0 34 18 3510 7 18 3510	10	035 N	3
05	2300 63 2409 7 56 2409	6		2	0 43 3109/18 7 21 18	5		9		10		
06	0 61 2106 7 55 2106	5		SW 2	0 42 3110/19 7 22 19	5		NNW 9	0 34 17 3510 7 17 3510	10		3
07	0 61 2007 7 56 2007	SSW 7		SSW 2	0 41 3210 7 24 3210	NNW 12		NW 9	2500 35 3508 7 19 3508	10		
08	1000 2500 65 2210 7 56 2210	SW 10	059 S	SW 2	0 42 3210 7 22 3210	10	041 N	NNW 8	2500 37 3612 7 18 3612	9	034 N	3
09	3000 550 67 2410 7 54 19	WSW 10		WSW 2	0 45 3110 7 22 3110	13		NW 7	2500 38 0212 7 14 0212	N 11		
10	3000 550 63 2514 7 48 2514	10		2	0 47 3012 7 22 3012	NW 8		WNW 6		NNW 9		
11	3000 69 2614 7 52 2614	10		3		7		NW 4	2500 38 0205 7 17 0205	6		
12	0 69 2412/21 7 53 21	14	0614 W	W 6	0 51 3108/17 7 22 17	7	048 N	8	2500 40 0104 7 18 0104	7	044 NE	
13		10		WSW 7	0 52 3114 7 24 3114	NNW 11		NNW 6	2500 42 0306 7 20 0306	5		
14		10		7	0 53 3113 7 23 3113	NW 12		6	2500 43 0604 7 23 0604	4		WNW
15		14		6	0 54 3013/23 7 25 23	NNW 11		NW 9	1000 2500 42 0405 7 24 0405	5		NNW
16	5000 71 2316/27 7 30 27	10	0617 W	6	0 56 3012 7 25 3012	NW 9	053 NW	7		5	0447 N	
17	3000 70 2512 7 32 2512	10		W 8	0 56 3012 7 25 3012	NNW 10		NNW 7	8000 2500 42 0602 7 24 0602	3		NNW
18	3000 68 2416/16 7 31 16	10		1	0 54 3009 7 25 3009	11		NW 8	1000 2500 41 3602 7 22 3602	4		N
19	5000 65 2305 7 30 2305	4		WSW 6	0 53 3210 7 25 3210	NN 9		8	1000 2500 41 0702 7 23 0702	3		
20	3000 68 2303 7 39 2303	SW 4	061 W	SW 2	0 49 3514/22 7 29 22	NNW 8	050 NW	NW 6	1000 2500 41 0601 7 26 0601	N 4	0446 N	NNW
21	3000 60 3010 7 30 3010	W 5		W 3	0 46 3516 7 26 3516	14		8	8000 2500 44 3603 7 21 3603	NE 1		
22	3000 67 3012 7 31 3012	6		WNW 3	0 43 3514 7 24 3514	14		4	8000 2500 43 0404 7 26 0404	2		
23	3000 58 3411 7 35 3411	NW 10		NW 4	0 42 3516 7 22 3516	13		NW 6	8000 2500 43 3605 7 26 3605	C		

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28 MAR '75

29 MAR '75

30 MAR '75

EST	NGLL	VERCO	KILEY	VAN	NGLL	VERCO	KILEY	VAN	NGLL	VERCO	KILEY	VAN
00	2500 41/ 7 20 0105	C	039 NW	NNW 1	800 41/ 7 32 1705	SE 4	PC 46 SE	SSE 4	200 800 67 7 62 1808	SSE 9	PC 63 SE	SSW
01		C		1		SSE 5		S 4		8		
02	2500 41/ 7 20 3303	NW 2		1	800 2500 41/ 7 35 1706	3		4	500 67 7 62 1812	10		
03	2500 41/ 7 20 3504	2		1	2500 41/ 7 36 1706	6		4	500 68 7 62 1912	12		
04	2500 41/ 7 18 3406	NNW 4	035 NW	1	2500 41/ 7 36 1604	4	045 SE	9	800 69 7 63 1912	12	CY 66 S	SW
05	2500 41/ 7 10 3607	NW 2		1		3		4	1800 400 70 2012 1RW-- 11 17	12		
06	2500 41/ 7 22 0105	NNW 1		1	1700 41/ 7 37 1606	SE 2		4	200 400 69 2014 5RW-- 11 18	SW 13	R	
07	1000 2500 41/ 7 22 0106	NW 1		1	1700 200 51/ 7 34 1608	SSE 4		3	1200 200 69 400 5RW-- 11 19	15	R	
08	1000 2500 41/ 7 22 0105	NNW 1	CY 38 N	1	2500 51/ 6H 41 1808	S 6	CY 45 SE	3	1200 200 68 2014 400 5RW-- 11 21	14	R 66 SW	
09	1000 2500 41/ 7 29 0304	C	FEOST	1		SSW 8		SSW 5	700 1200 200 68 2112 2RW-- 11 22	15	R	WSW
10	1000 2500 41/ 7 23 0206	NNW 6		1	300 800 69 6H 60 2110	8		5	700 1200 200 68 2210 4RW-- 11 23	14	R	
11	1000 2500 41/ 7 20 0603	N 3		NE 3	300 800 68 2500 6H 60 2310	SW 11		SW 3		15	R	W
12	1000 2500 41/ 7 26 0102	NNW 3	CY 50 N	NNE 2		12	CY 65 SW	WSW 3	700 1200 200 51/ 11RW-- 11 23 3611	N 14	R 65 NW	NNW
13		NNE 2		NE 2	300 800 71 2314 2500 6H 60 23	10		4	700 100 200 51/ 41R-- 11 24 0209	NNE 11		NNE
14	1000 2500 48 7 29 0304	N 4		N 2	200 200 72 2114 800 6H 60 24	20		SSW 5	700 1200 200 51/ 5GFH 11 23 0108	N 8		
15	700 1000 51/ 2500 7 24 3502	NNW 4		NW 2	300 800 73 2318 2000 7 59 25	16		W 2	500 100 51/ 5GFH 11 23 0306	NNE 5		ENE
16	700 1000 51/ 2500 7 29 C	1	PC 55 W	NNW 1	200 1100 72 2000 7 59 2110	12	CY 70 S	WSW 6	600 90 51/ 5GFH 11 23 0403	NE 4	CY 53 N	
17	1000 2500 41/ 7 32 0603	SE 5		N 1	300 800 79 2314 2000 7 59 21	WSW 7		3	100 6H 51/ 11 23 0902	E 2		
18	2000 2500 41/ 7 31 1102	ESE 5		ESE 1		SW 8		3	1000 200 51/ 450 6H 11 23 C	NNE 1		
19	2000 2500 41/ 7 29 1104	SE 5		SE 1		7		2	1000 400 51/ 800 6H 11 23 C	NNW 1		NNW
20	2000 2500 41/ 7 29 1303	4	CY 52 SW	SSE 2		5	CY 66 SW	3	1000 400 51/ 100 6H 11 23 3104	7	CY 56 NW	NNW
21	800 2500 41/ 7 30 1303	3		3		SSW 4		SW 4		7	FEOST	
22	800 2500 41/ 7 30 1604	4		3		5		SSW 3	1000 41/ 7 3214 19	8		
23	800 2500 41/ 7 30 1606	SSE 5		4	200 800 68 7 61 2008	8		3	2500 41/ 7 3014 18	4		S

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31 MAR '75

1 APR '75

2 APR '75

EST	NGLL	VERGO	KILBY	VAN	NGLL	VERGO	KILBY	VAN	NGLL	VERGO	KILBY	VAN
00	0 7 41/20 3012/18	W11W 5	CY47 W	NNW 5	500 100 59 7 54 1808	S 8	CY49 S	NW 2	0 7 51/45 1502	S 2	OSO S	N 3
01	0 7 43/21 2910/17	4		4	600 100 59 7 54 2008	SSW 3		3	0 7 53/46 1902	3		3
02	0 7 43/20 2810	W 6		2	350 600 48 7 36 1905	S 7	R	3	0 7 51/45 1903	3		3
03	0 7 41/20 2712	5		NW 1	400 300 41 7 18 2110	SSW 9	R	2	0 7 50/45 1903	3		3
04	0 7 40/20 2812	6	039 W	NNW 1	1100 200 46 7 18 2505	5	R 45 SE	N 3	0 7 50/45 1902	2	046 S	3
05	0 7 40/21 2706	4		1	350 800 41 7 10 2606	SW 2	R	2	0 7 48/43 1802	1		X 3
06	300 7 40/22 2908	3		1	300 800 45 7 10 2004	SSW 3	R	1	1000 6H 48/43 C	C		1
07		W11W 1		N 1	120 320 46 800 7 10 2104	SW 1		2	1000 50/41 1902	SSW 1		1
08	2500 41/22 3108	NW 5	036 W	1	320 800 47 1200 10H 110 1904	SSW 3	CY45 S	NNW 2	1000 51/49 2003	2	046 S	1
09	2500 42/23 3505	NNW 6		NNE 1	320 800 1200 50 2002	S 4		3	5H 60/51 1903	S 1		2
10	2500 44/26 3603	6		1	800 200 54 7 42 2109	SSW 6		3	2500 64/52 C	1		SSW 4
11	2500 44/28 0201	N 2		NE 0	0 57/41 2110	5		4	2500 60/40 3302	2		-
12	2500 45/27 C	11W 1	048 W	ENE 0	0 61/41 2008	6	057 S	4	2500 70/45 0402	SSE 4	071 S	SW 3
13	2500 46/29 0202	N 1		X 1	0 66/42 1908	9		4	2500 72/41 0603	5		S 3
14	2500 47/29 C	SE 1		2		5		ENE 5	1000 2500 73/40 0506	SSW 5		N 2
15	2500 49/32 0605	SSW 1		3	300 68/42 2705	5		NNE 3	1000 2500 71/42 1010	SSE 8		1
16	1000 2500 51/34 0606	SE 8	055 NW	1	300 69/42 2207	SW 6	068 SW	ENE 3	2500 72/41 1210	SE 11	074 S	W 1
17	1000 2500 51/34 1206	10		1	300 69/41 2408	WSW 4		3	2500 71/41 1410	SSE 13		WSW 3
18	1000 2500 50/34 0605	5		1	0 65/45 C	4		NE 3	0 60/51 1510	11		3
19	1400 2500 41/34 1405	7		3	0 58/48 1202	SW 4		N 2	0 67/51 1610	12		5
20	1200 2500 45/34 1405	4	PCSDW	X 1	0 46/48 1401	SE 6	059 SW	NNW 1	0 64/41 1710	11	067 S	6
21	1000 2500 46/35 1606	SSE 4		NW 1	0 56/49 1504	SSE 3		NW 1	0 63/50 1708	S 12		4
22	1000 2500 48/35 1708	5		1	0 54/47 1502	2		NNW 3	2500 63/47 1910	10		4
23	1000 2500 49/34 1910	S 6		2	0 52/45 C	2		3	2500 62/45 1709	10		3

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DIRECTION
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APPROX
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DIRECTION
OFF
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3 APR '75

4 APR '75

5 APR '75

EST	NGILL	V. FRODO	KILBY	V. IAN	NGILL	V. FRODO	KILBY	V. IAN	NGILL	V. FRODO	KILBY	V. IAN
00	250W 62/45 1709	S 12	040 S	X 5	07 41/16 2919/26	WNW 12	042 N	N 4	09 44/13 3113/22	NW 5	044 NW	NNW
01	250W 62/49 1811	12		4	07 41/16 2919/26	W 10		NSW 3	07 41/15 3410/21	NNW 9		
02	350W 64/59 1812/21	15	R	8		10		2		7		
03	80W 20W 20W SR-	SSW 14	R	6	07 40/14 3022/34	WNW 9		SW 3	07 38/12 3115	10		
04	90W 20W 20W SR-	17	R 59 SW	5	07 39/15 2919/28	W 11	038 NW	4	07 37/13 3212	11	035 NW	
05	80W 20W 20W 64/61 1914/23	S 16	R	6	07 38/15 2016/27	WNW 13		5	07 36/13 3212	NW 12		
06	50W 20W 40W 64/60 1912	SSW 12	R	6	07 37/13 2919/29	W 15		4	07 35/14 3309	NNW 11		
07	90W 20W 20W 65/62 1913/23	S 16		2 5	07 37/13 2919/27	14		2	07 35/13 3213	14		
08	90W 20W 20W 64/62 1914/25	16	0462 SW	6	07 37/13 2919/27	11	037 NW	3	30W 35/14 3210/18	16	033 NW	
09	90W 20W 20W 68/63 2115/22	SSW 20		X 7	07 38/14 2920/31	WNW 11		4	30W 34/15 3210/16	13		
10	100W 20W 63/56 2718	WSW 17		NNW 5	07 41/16 2818/26	11		4	30W 37/17 3414/25	NW 14		
11	20W 64/40 2621/31	W 22		NW 5	07 44/16 2920/32	10		NW 1	30W 38/16 3320/29	14		
12	20W 73/37 2725/39	20	0460 SW	WNW 4		11	045 NW	2		NNW 16	041 N	
13	20W 61/30 2922/27	20		NW 4	07 43/16 3018/26	10		NNW 9	30W 40/16 3216/24	14		
14	20W 58/30 2825/37	18		3	6020	10		8	30W 43/16 3216/25	12		
15	50W 56/25 2820/31	20		X 3	07 52/13 2920/31	W 10		8	30W 44/18 2916/23	21		
16	50W 54/22 2922/35	17	053 SW	8	07 53/17 3014/25	WNW 8	054 NW	9	30W 47/18 3214/26	20	046 NW	
17	50W 53/22 2922/32	WNW 14		6	07 54/14 3016/27	7	07407	9	30W 44/18 3315/27	19		
18	250W 50/19 3114/26	W 15		5	07 53/15 2914/24	6		8	30W 43/21 3215/27	21		
19	30W 48/19 3014/24	WNW 15		6	07 51/15 3012/22	5		7	30W 41/16 3116/27	17		
20	30W 44/18 3120/30	10	048 W	X 5	07 49/14 3015	9	049 NW	NW 6	30W 40/17 3117/25	NW 18	041 NW	
21	30W 47/18 2914/23	W 16		NNW 11	07 48/15 2915	5		NNW 5	30W 40/16 3117/22	23		
22	07 43/18 2814/27	14		NW 8	07 47/13 3116/27	6		5	30W 39/17 3117/21	NNW 15		
23	07 42/17 2814/27	12		N 3	07 45/13 3014/23	NW 7		6	07 37/18 3115/25	19		NNW
		OK	OK	SPEED BAD		OK	OK	SPEED BAD		OK	OK	SPEED BAD

6 APR '75

7 APR '75

8 APR '75

EDT	NGLL	VERCO	KILBY	VAN	NGLL	VERCO	KILBY	VAN	NGLL	VERCO	KILBY	VAN
00	0 ₇ 37/18 3115/25	NW 18	037 NW	X 9	0 ₇ 41/20 3112	NW 10	044 NW	NNW 3	0 ₇ 42/33 2702	NW 2	039 S	NNW
01	0 ₇ 34/13 3115	NNW 15		↑ 11	0 ₇ 43/13 3112	NNW 12		N 5	0 ₇ 45/29 3408	2		
02	0 ₇ 34/18 3115	15		10	0 ₇ 41/19 3212	NW 12		5		W 2		NNW
03	0 ₇ 34/18 3115/20	NW 14		9	0 ₇ 41/19 3210	NNW 11		6	0 ₇ 44/23 3002	NNW 3		NNW
04	0 ₇ 34/13 3013	NNW 15	034 NW	8	0 ₇ 40/20 3112	NW 12	038 NW	5	0 ₇ 44/28 3005	WSW 2	034 S	
05	0 ₇ 35/18 3111	10		8	500 39/19 3110	NNW 12		X 5	0 ₇ 44/29 3202	SW 1	PROSF	
06	0 ₇ 35/19 3112	15		8	500 34/24 3314/22	10		↑ 5	0 ₇ 41/28 3104	W 1		
07	0 ₇ 35/19 3215/22	13		7	400 34/25 3212/19	13		2 5-	0 ₇ 41/27 3202	WNW 2		
08	0 ₇ 34/20 3114/21	NW 17	031 N	8	290 37/20 3211	14	038 N	X -	250-0 44/26 3305	NNW 5	032 SW	N
09	0 ₇ 38/20 3212/24	16		7	280 39/23 3312/19	NW 15		NNW -	250-0 47/23 3306	6	PROSF	NNW
10	0 ₇ 40/20 3120/30	NNW 14		8	280 39/22 3212	NNW 12		-	250-0 49/28 3307	NW 4		
11	0 ₇ 45/24 3112/20	NW 13		6	280 40/22 3412	11		5	250-0 52/28 2708	NNW 6		
12	0 ₇ 47/23 2912/19	9	044 N	6	500 41/23 3111	NW 13	PC 43 N	5	250-0 52/28 2710	8	054 NW	
13	0 ₇ 48/22 2914/22	10		X 8	300 44/24 3112	NNW 10		6	250-0 57/28 2911	8		
14	0 ₇ 52/23 2812/20	NNW 14		NNW 8	300 48/26 2810	9		7	0 ₇ 60/28 3310	11		
15	0 ₇ 55/21 2914/23	WNW 10		8	300 51/26 3112	8		7	250-0 62/28 3108/20	11		
16	0 ₇ 54/22 2812/22	NW 7	055 N	6	300 54/28 3212	12	055 N	6	0 ₇ 63/27 3112	10	063 NW	
17	500 55/23 2912/21	NNW 12		5	300 55/29 3010	11		5	250-0 65/26 3013	8		
18	300 57/24 3011/22	9		1	300 47/24 0608	N 8		0	250-0 53/32 0404	8		
19	300 55/23 3310/18	NW 11		1	300 45/23 0505	NNE 7		ESE 0	250-0 57/34 0602	NNE 4		NNE
20	0 ₇ 50/28 3310	NNW 10	051 N	5	300 44/33 0404	6	052 N	0		ESE 2	055 N	SE
21	0 ₇ 48/22 3208	11		4	0 ₇ 42/34 0602	NE 4		ENE 0	250-0 44/32 C	2		SSE
22	0 ₇ 47/24 3312	10		N 3	0 ₇ 42/34 0402	E 2		SSW 0	0 ₇ 49/31 1502	SSE 4		S
23	0 ₇ 45/22 3213	8		NNW 3	0 ₇ 43/34 3602	SW 2		WSW 0		S 2		SSW

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EST	NGLL	VERCO	KILBY	VAN	NGLL	VERCO	KILBY	VAN	NGLL	VERCO	KILBY	VAN
00	250-0 45/31 C	S 1	046 S	SW 0	100W 250W 49/31 1603	SE 3	PC 50 S	SSW 5	250-0 45/31 0802	E 3	CY 43 E	SSW 2
01	250-0 45/31 C	SW 1		W 0	100W 250W 49/31 1502	2		3	60W 80W 41/31 C	ENE 1		SE 1
02	250-0 45/31 C	W 1		NNW 0	80W 250W 45/31 C	3	R-	2	70W 30W 41/31 C	NE 2		SSW 1
03	250-0 45/31 3304	NW 3		N 0	80W 250W 45/31 1202	SSW 5		1	30W 30W 45/31 0904	ENE 1		1
04	0 45/29 3307	NNW 7	037 SW	0	30W 250W 45/31 1103	E 3	CY 48 S	S 2	2X 40W 41/31 C	1	CY 42 E	SE 1
05	0 45/27 3407	9		0	30W 80W 47/43 0804	ESE 5		3	2X 40W 45/37 C	NNE 4		ENE 1
06	0 45/29 3509	N 8		1	30W 80W 47/43 1205	SE 5		SSW 2			3	1
07	0 45/29 3612	10		0	30W 80W 46/43 C	4		S 2			2	1
08	0 45/31 0406	NNE 8	035 SW	ENE 3	35W 80W 47/41 1102	1	CY 47 S	1	250W 47/43 0406	SSW 1	CY 42 E	1
09	0 46/34 0407	6	FOOT	2	35W 80W 49/45 C	1		SE 1	120W 45/30 0506	1		SSW 3
10	0 47/32 3605	6		3	30W 80W 50/47 0405	NE 4	R-	ENE 2	30W 120W 44/34 1304	ENE 8		3
11	0 47/33 0304	4		NE 2	35W 80W 51/42 0403	3	R-	1	30W 120W 48/36 0706	E 9		SE 4
12	0 48/32 0205	N 2	053 S	N 1	35W 80W 51/42 0303	ENE 5	R-50 N	SSW 1	60W 120W 47/33 0803	ENE 7	CY 50 E	ENE 6
13	0 49/32 3603	NW 3	W 2	1	45W 80W 50/44 0606	E 5		ENE 2	30W 120W 45/42 0706	5		5
14	250W 50/34 3603	W 2		NE 1	30W 45W 49/42 0405	ENE 5		4	40W 120W 41/37 0505	NE 5		3
15		N 3		ENE 1	40W 80W 48/43 0407	NE 5		3	35W 80W 45/31 0503	NNE 8		2
16	250-0 60/31 2204	4	062 NW	NNE 1	40W 80W 51/41 0406	NNE 6	CY 55 NW	3	35W 80W 44/32 0504	8	CY 44 NE	3
17	100W 250W 62/29 3106	SE 5		N 1	40W 80W 51/43 0304	NE 6		3	35W 80W 44/37 0505	NE 7		3
18	100W 250W 60/27 2303	4		NNE 1	40W 80W 42/42 0605	6		3	50W 43/36 0604	5		3
19	100W 250W 51/37 1203	ESE 3		SSW 1	40W 80W 44/41 0406	7		SSW 3	40W 80W 43/37 0704	3		SE 2
20	100W 250W 51/37 1302	SE 3	PC 56 E	1	50W 250W 44/39 0604	6	1649 E	3	50W 80W 43/37 0702	ENE 2	R-43 NE	SSW 2
21	100W 250W 41/37 1303	SSW 5		1		ENE 2		3	50W 80W 43/37 C	2	R-	1
22	100W 250W 45/37 1706	6		SW 2	50W 250W 44/39 0604	3		2	35W 43/38 C	NNE 2	R-	N 1
23	100W 250W 47/37 1606	5		SSW 4	50W 250W 44/39 0604	E 3		3	35W 47/39 C	SSW 1	R-	NNW 1

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EDT	NGC	VETRO	KINDY	VAN	NGC	VETRO	KINDY	VAN	NGC	VETRO	KINDY	VAN
00	400000 41/38 C	NW 2	4Y43 NW	NW 1	0 40/32 C	SW 4	039 SW	USW 1	0 41/32 C	ESE 1	046 E	S
01	400 41/39 C	6		1	0 38/31 C	3	FRIST	W 1	0 43/31 C	1		SSE
02	70000 41/39 3202	W 2		NNW 1	0 38/31 C	2		NNW 1	0 41/30 C	SE 1		S
03	70035 41/40 3202	NNW 2		1	0 40/31 C	WSW 3		2	0 41/30 C	1		
04	40000 41/40 C	W 1	4Y42 NW	1	0 40/35 2603	NNW 4	035 SW	NNW 2	0 37/29 C	SSE 1	039 E	SSE
05	70035 43/40 2502	WSW 4		NW 1	0 41/30 3303	NNW 5	FRIST	3	250-00 33/30 C	NNE 1		
06	350080 41/39 3000	NNW 2		NNW 1	0 41/29 3504	2		3	250-00 30/30 C	1		NNE
07	200050 41/30 3005	NW 3		NW 1	0 40/28 3502	NW 1		WSW 1	1000250-00 41/30 3002	6		
08	250040 41/40 2904	W 4	R-43 NW	NNW 1	0 41/34 C	1	035 SW	N 1	1000250-00 41/39 0405	ENE 7	044 SW	ENE
09	230 45/38 3200	NNW 11	R-	N 1	0 49/32 C	2		1	250-00 49/38 0508	5		
10		12	R-	NNE 5	0 49/26 3503	4		NNW 1	250-00 50/32 0708	E 4		
11	150040 41/35 0107	N 6		NE 5	0 51/25 2706	7		VINW 3	250-00 51/31 0807	ENE 5		
12	180030 41/40 C	NNE 2	PC45 N	1	0 53/25 2406	NNW 4	053 S	NNW 4	250-00 52/33 0707	E 5	058 NE	S
13	300060 41/36 0102	6		2	300 51/24 2707	WSW 6		N 3	250-00 51/31 0610	ESE 6		SSE
14		N 3		2	300 54/26 2705	W 6		4	1000270-00 52/32 0706	SE 7		
15	350 50/35 0403	NNE 1		2	300 59/27 2005	5		NNW 4	250-00 51/34 0508	8		SSW
16	350 50/34 0904	3	4Y54 SE	2	200 61/27 2102	5	PC58 NW	N 4	1000250-00 51/31 1008	ESE 5	PC56 SE	
17	350 50/34 0904	2		ENE 1	300 61/27 C	NNW 6		3	1000250-00 51/32 1107	8		S
18	350 50/35 0505	NE 6		1	300 61/26 0102	E 8		2	1000250-00 51/41 1005	SE 8		
19	400 49/33 0701	2		3	200 53/33 0906	ESE 5		1	1000250-00 51/31 1206	ESE 6		
20	400 41/35 0602	ENE 2	PC47 N	1	300 51/34 0705	ENE 7	4Y55 NE	SSE 3	450/1000 50/32 1203	SE 4	4Y53 SE	
21	400 41/33 C	SSE 2		S 1	450 50/36 0605	7		SE 4	10001000 46/34 1102	6		SSW
22	0 40/33 C	2		SW 1	450 50/34 0803	E 5		5	400/1000 48/31 1404	ESE 4		S
23	0 41/34 C	SW 2		NNW 1	400 48/34 1202	ESE 2		3	700/1000 46/33 1001	5		SE

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EDT	NGLL	VATCO	KIMBY	VAN	NGLL	VATCO	KIMBY	VAN	NGLL	VATCO	KIMBY	VAN
00	120 330 46 200 72- 34 0804	E 6		E 3	220 450 44/33 3510 CH			SE 5	0 45/36 C			SW
01	40 22 11 47 80 41 6R- 33 0804	ENE 7		4	220 450 44/33 3510 CH			5	0 46/38 2102			
02	-	5		4	120 230 44/37 3308 450 CH			4				
03	40 12 40 46 30 0 4R-6F 142 0608	8		4	120 230 44/37 3108 CH			5	40 0 49/38 2102			
04	40 12 40 46 4R-6F 43 0710	10		5	120 230 44/37 3008 CH			ENE 6	40 0 49/36 C			
05	5H 2 1/2 F 43 0610	NNE 10		4	120 230 44/37 3107 CH			6	40 0 49/36 2202			
06	4R 2 RF 46/42 0410	N 16		5	120 230 44/37 3209 450 CH			NE 7	40 0 50/36 2003			
07	4R 1 1/2 RF 44/42 0314/23	17		8	120 230 44/37 3110 450 CH			NNE 6	40 0 50/37 3204			NW
08	40 12 40 43/40 0114/25 13/4 RF	21		-	120 230 44/37 3212 200 CH			X 7	0 52/37 3105			
09	8H 2 RF 42/39 0114/25	NNE 27		-	300 500 49/36 3112 7			6	0 53/36 3407			
10	80 12 0 43/40 0315/30 2 1/2 R-F	N 22		-	300 500 50/36 3110 200-0 7			6	0 53/37 3411			
11	0120/39	NNW 19		-	300 500 50/36 3010 CH			7	0 60/38 3507			
12	120 300 44/39 3521 CH	15		9	300 500 51/36 3012 7			7	250-0 60/39 0106			N
13	80 150 43/42 0314 2 1/2 R-F	NW 15		3	120 230 50/37 3010 7			6	250-0 61/39 3608			
14	90 45 5L-N 41 3215	NNW 15		8	200 100 54/36 2912 7			6	250-0 61/39 3604			NNE
15	70 230 47/34 3413/21 40 45L-41 41	15		8	300 800 57/37 2908/18 7			6	250-0 62/40 0304			
16	7 1/2 140 46 CH 42 3212	NW 16		7	350 58/35 3109 CH			7	250-0 64/41 0604			
17	90 140 46 5H 41 3113	NNW 15		8	350 58/36 3007 CH			6	250-0 64/41 0705			
18	90 45 3H 40 3213	14		8	400 59/38 3307 CH			5	250-0 67/46 0805			
19	100 100 45/40 3213 3H	13		7	0 58/36 3206 5H			24	250-0 58/37 0806			
20	100 140 45/39 3214 3H	11		6	0 53/38 0102 5H			3	250-0 53/38 0406			
21	110 140 46 40 45H 40 3211	10		5	0 50/38 C 7			3	250-0 53/37 1404			SE
22	120 260 45/39 3408 40 11 6H	10		5	0 50/38 C 7			3	250-0 53/37 1505			
23	130 1150 45/39 3409 CH	NW 8		5	0 47/38 C 7			X 3	250-0 53/37 1606			

DIRECTION
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18 APR 75

19 APR 75

20 APR 75

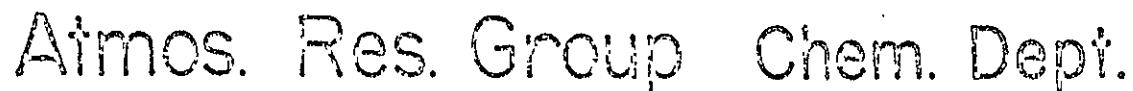
EDT	NGC	Viper	KIRBY	VIA	NGC	Viper	KIRBY	VIA	NGC	Viper	KIRBY	VIA
00	80002500 53/1608			SE 5	2500 73/57 2014/25			SW 15	4500 8000 63/52 2208			SW 12
01	80002500 53/1708			7				15				6
02	2500 53/58 1606			8	2500 72/62 2019/27			18	4500 61/52 2606			5
03				8	1000 2500 71/63 2015/27			15	4500 69/50 2605			3
04	80002500 53/1708			8	1000 2500 71/64 2015/27			15	0 57/48 2603			2
05	80002500 53/1606			8	1000 2500 72/63 2117/25			16	3000 2500 55/47 2504			4
06	80002500 53/1508			8	1000 2500 72/62 2114/31			16	7000 2500 55/47 2504			4
07	80002500 53/1608			8	1000 2500 72/62 2113/48			18	2500 53/47 2605			5
08	80002500 60/1710			8	1000 2500 73/61 2110/42			20	2500 64/48 2706			W 5
09	3000 64/150 1809			5 9	1000 2500 74/61 2118/42			20	2500 64/45 2508			5
10	1000 65/52 0210			9	1000 2500 78/61 2120/52			20	2500 68/42 2710			8
11	3000 64/55 2106			SW 7	1000 2500 81/60 2024/57			24	2500 70/68 2712/24			12
12				5 10	1000 2500 84/63 2127/39			24	2500 70/65 2712			12
13	4000 69/57 1710			8	1000 2500 83/63 2025/52			24	2500 71/63 2610			1
14	1000 7500 73/57 1710			10				18	2500 71/66 2712			1
15	4000 79/56 1710/18			10	3000 1000 2500 2319/84			18	0 72/34 2612			1
16	8000 72/64 1914/24			10	4000 1000 2500 2319/84			16	0 73/35 2712			10
17	4000 77/55 1914/21			8	4000 1000 2500 2319/84			16	0 72/37 2611			8
18	8000 77/55 1914/21			7	4000 1000 2500 2319/84			NW 12	0 71/34 2708			7
19	8000 2500 74/58 1808			6	3000 2500 73/61 3010			10				
20	8000 77/55 1914/21			9	3500 1000 71/56 2411			10	0 29/35 2905			
21	1000 73/54 1914/21			10	3000 6000 69/54 2214/20			12				
22	8000 71/55 1911			10	3500 7000 68/55 2713			W 12				
23	1000 73/55 2016			SW 12	3500 62/55 2514			12				



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1	MO	DAY	HR	NO 15'	NO 75'	NO2 15'	NO2 75'	O3 15'	O3 75'	ES 15'	ES 75'	RS 15'	RS 75'	NON CH4 15'	NON CH4 75'	ΣHC 15'	ΣHC 75'	CO 15'																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		



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CRANEY ISLAND EXPERIMENT (1975)														MOLECULAR																	
1	MO	DAY	HR	NO 15'	NO 75'	NO2 15'	NO2 75'	O3 15'	O3 75'	ES 15'	ES 75'	RS 15'	RS 75'	NON CH 15'4	NON CH 75'4	ΣHC 15'	ΣHC 75'	CO 15'													
1 2 3	4 5 6	7 8 9	10 11 12	13 14 15 16	17 18 19 20 21	22 23 24 25 26 27	28 29 30 31	32 33 34 35 36	37 38 39 40 41	42 43 44	45 46 47 48	49 50 51 52	53 54 55 56	57 58 59 60	61 62 63 64	65 66 67 68	69 70 71 72	73 74 75 76	77 78 79 80												
1	1	3	26	01	5	6	6	0		0	1.3	1.3	1.3	290	334	1883	1891	250													
2	1	3	26	02	6	5	0	0		2.5	2.2	1.3	1.4	2102	326	1820	1883	250													
3	1	3	26	03	5	6	0	0		2.6	2.4	1.3	1.4	255	290	1776	1838	250													
4	1	3	26	04	5	9	0	0		2.3	2.6	1.6	1.2	175	229	1785	1900	300													
5	1	3	26	05	5	9	0	0		2.6	2.7	1.5	1.6	132	202	1776	1883	225													
6	1	3	26	06	9	9	0	0		3.0	3.0	1.7	1.5	150	246	1909	1989	250													
7	1	3	26	07	9	9	0	0		2.8	2.9	1.5	1.5	202	308	1980	2087	250													
8	1	3	26	08	9	9	0	0		1.2	1.2	1.2	1.2	264	300	2131	2131	0													
9	1	3	26	09	-2	-2	-2	-2		-2	-2	-2	-2	-2	-2	-2	-2	-2													
10	1	3	26	10	-2	-2	-2	-2		-2	-2	-2	-2	-2	-2	-2	-2	-2													
11	1	3	26	11	-2	-2	-2	-2		-2	-2	-2	-2	-2	-2	-2	-2	-2													
12	1	3	26	12	-2	-2	-2	-2		-2	-2	-2	-2	-2	-2	-2	-2	-2													
13	1	3	26	13	-2	-2	-2	-2		-2	-2	-2	-2	-2	-2	-2	-2	-2													
14	1	3	26	14	-2	-2	-2	-2		-2	-2	-2	-2	-2	-2	-2	-2	-2													
15	1	3	26	15	-2	-2	-2	-2		-2	-2	-2	-2	-2	-2	-2	-2	-2													
16	1	3	26	16	-2	-2	-2	-2		-2	-2	-2	-2	-2	-2	-2	-2	-2													
17	1	3	26	17	-2	-2	-2	-2		-2	-2	-2	-2	-2	-2	-2	-2	-2													
18	1	3	26	18	-2	-2	-2	-2		-2	-2	-2	-2	-2	-2	-2	-2	-2													
19	1	3	26	19	0	0	1	2		1.5	1.9	1.5	1.5	334	317	2220	2202	75													
20	1	3	26	20	0	0	3	2		1.4	2.1	1.7	1.8	258	334	2264	2309	0													
21	1	3	26	21	0	0	4	1		2.3	2.2	1.6	1.6	326	255	2424	2371	0													
22	1	3	26	22	0	0	7	7		3.4	3.0	1.5	1.4	308	273	2486	2486	75													
23	1	3	26	23	0	0	5	9		4.0	4.1	1.4	1.3	343	370	2620	2646	0													
24	1	3	26	24	0	0	4	2		3.4	3.9	1.3	1.3	176	194	2664	2682	0													
1 2 3	4 5 6	7 8 9	10 11 12	13 14 15 16	17 18 19 20 21	22 23 24 25 26 27	28 29 30 31	32 33 34 35 36	37 38 39 40 41	42 43 44	45 46 47 48	49 50 51 52	53 54 55 56	57 58 59 60	61 62 63 64	65 66 67 68	69 70 71 72	73 74 75 76	77 78 79 80												



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CRANEY ISLAND EXPERIMENT (1975)

MOLECULAR

I	MO	DAY	HR	NO 15'	NO 75'	NO ₂ 15'	NO ₂ 75'	O ₃ 15'	O ₃ 75'	ES 15'	ES 75'	RS 15'	RS 75'	NON CH 15'	NON CH 75'	ΣHC 15'	ΣHC 75'	CO 15'		
1	1	3	27	01	0	0	1	1		40	42	13	13	326	308	2353	2335	200		
2	1	3	27	02	6	6	6	6		38	36	13	13	431	422	2344	2309	275		
3	1	3	27	03	3	3	5	6		31	35	13	13	361	361	2335	2264	150		
4	1	3	27	04	8	19	7	6		32	37	13	13	246	343	2247	2291	175		
5	1	3	27	05	8	19	5	6		33	39	13	13	378	352	2318	2273	100		
6	1	3	27	06	8	19	3	3		36	37	12	13	255	249	2282	2282	250		
7	1	3	27	07	10	10	3	4		37	33	12	13	370	352	2264	2282	275		
8	1	3	27	08	12	11	5	7		39	44	16	20	220	220	2442	2486	300		
9	1	3	27	09	16	12	16	7		46	47	20	20	299	352	2594	2637	300		
10	1	3	27	10	14	13	5	3		47	47	20	20	361	378	2644	2664	10		
11	1	3	27	11	57	42	26	16		51	51	19	20	-2	-2	-2	-2	125		
12	1	3	27	12	28	27	37	37		52	55	17	18	-2	-2	-2	-2	100		
13	1	3	27	13	18	15	7	7		51	52	15	18	396	299	2575	2522	225		
14	1	3	27	14	19	15	7	7		49	52	12	14	238	484	2460	2664	225		
15	1	3	27	15	16	15	8	15		51	52	12	15	343	440	2637	2708	450		
16	1	3	27	16	15	12	7	14		46	47	13	12	466	396	2664	2575	375		
17	1	3	27	17	10	12	15	12		44	44	13	12	326	282	2551	2549	300		
18	1	3	27	18	5	5	20	16		55	59	12	13	554	598	3117	3264	700		
19	1	3	27	19	5	6	19	10		52	59	13	13	748	669	3241	3259	700		
20	1	3	27	20	7	5	20	10		49	45	12	12	-2	660	2282	2930	550		
21	1	3	27	21	3	3	7	6		42	40	13	12	176	264	2398	2581	250		
22	1	3	27	22	5	6	13	7		40	44	15	16	396	493	2664	2842	300		
23	1	3	27	23	7	5	10	7		42	42	14	15	414	475	2842	2779	375		
24	1	3	27	24	15	14	13	10		46	46	14	14	238	378	2442	2573	102		

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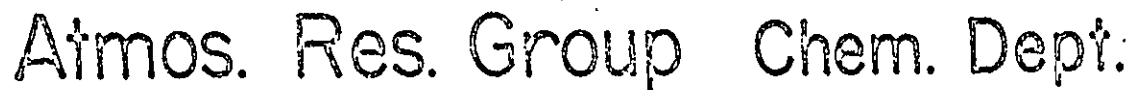
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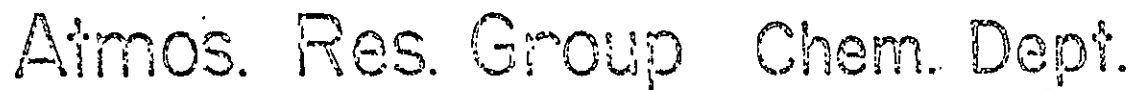
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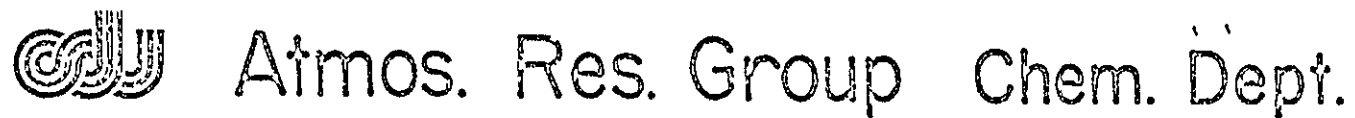
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CRANEY ISLAND EXPERIMENT (1975)

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I	MO	DAY	HR	NO 15'	NO 75'	NO2 15'	NO2 75'	O3 15'	O3 75'	ES 15'	ES 75'	RS 15'	RS 75'	NON CH 15'	NON CH 75'	ΣHC 15'	ΣHC 75'	CO 15'		
1 2 3	4 5 6	7 8 9	10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28 29 30 31	32 33 34 35 36	37 38 39 40	41 42 43 44	45 46 47 48	49 50 51 52	53 54 55 56	57 58 59 60	61 62 63 64	65 66 67 68	69 70 71 72	73 74 75 76	77 78 79 80	
1	4	9	01					1.1	3.7	.29	.19	0	0	51.0	41.4	28.95	24.42	75.0		
1	4	9	02					1.3	4.8	.29	.19.3	0	0	66.9	35.2	25.66	21.40	62.5		
1	4	9	03					1.2	4.7	.25	.31	0	0	48.4	44.9	25.66	24.42	70.0		
1	4	9	04					1.3	4.7	.29	.25	0	0	51.9	71.3	24.60	26.02	37.5		
1	4	9	05					1.7	13.3	.25	.35	.16	.17	51.8	84.5	25.42	31.26	50.0		
1	4	9	06					1.33	13.3	.31	.35	.12	.23	71.8	65.1	30.46	29.93	15.0		
1	4	9	07					1.4	13.6	.35	.33	.12.3	.20	51.6	52.8	28.50	27.53	37.5		
1	4	9	08					1.0	13.0	.31	.39	.21	.31	44.9	52.8	27.88	31.21	50.0		
1	4	9	09					1.6	13.5	.23	.23	.13.4	.33	42.2	62.6	26.37	27.53	25.8		
1	4	9	10					1.6	13.6	.11.9	.23	.13.2	.33	39.6	56.3	24.78	27.26	12.5		
1	4	9	11					1.6	13.6	.24	.42	.13.4	.33	-2	-2	-2	-2	12.0		
1	4	9	12					1.0	14.2	.50	.46	.13.6	.33	-2	-2	22.91	22.82	12.5		
1	4	9	13					1.3	14.3	.62	.42	.13.3	.29	-2	-2	27.26	27.97	17.5		
1	4	9	14					1.9	15.1	.33	.25	.12.6	.23	-2	-2	19.89	19.89	0		
1	4	9	15					1.9	15.1	.25	.19	.11.6	.16	47.5	48.4	24.31	22.64	2.5		
1	4	9	16					1.53	15.7	.23	.16	.12.2	.25	-2	17.6	19.09	21.22	10.0		
1	4	9	17					1.7	15.7	.11.6	.19	.12.3	.23	27.3	38.7	19.09	19.80	20.0		
1	4	9	18					1.6	15.5	.16	.10	.11.6	.12	24.6	15.0	17.76	17.67	10.0		
1	4	9	19					1.6	15.4	.10	.0	.10	.12	13.29	15.84	22.62	31.52	12.5		
1	4	9	20					1.6	14.6	.19	.25	.14	.15	68.9	107.4	32.15	25.84	52.5		
1	4	9	21					1.9	13.1	.23	.33	.10	.0	164.6	141.7	40.94	21.56	12.5		
1	4	9	22					1.1	13.5	.31	.31	.10	.0	110.03	98.6	34.45	34.81	57.5		
1	4	9	23					1.9	14.3	.19	.25	.10	.0	46.6	68.6	23.00	24.78	55.0		
1	4	9	24					1.7	14.7	.16	.10	.10	.5	22.0	48.4	20.51	21.67	12.5		
1 2 3	4 5 6	7 8 9	10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28 29 30 31	32 33 34 35 36	37 38 39 40	41 42 43 44	45 46 47 48	49 50 51 52	53 54 55 56	57 58 59 60	61 62 63 64	65 66 67 68	69 70 71 72	73 74 75 76	77 78 79 80	

CRANEY ISLAND EXPERIMENT (1975)

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CRANEY ISLAND EXPERIMENT (1975)

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I	MO	DAY	HR	NO 15'	NO 75'	NO ₂ 15'	NO ₂ 75'	O ₃ 15'	O ₃ 75'	ES 15'	ES 75'	RS 15'	RS 75'	NON CH 15'	NON CH 75'	ΣHC 15'	ΣHC 75'	CO 15'			
1 2 3	4 5 6	7 8 9	10 11 12	13 14 15	16 17 18	19 20 21	22 23 24	25 26 27	28 29 30 31	32 33 34 35 36	37 38 39 40	41 42 43 44	45 46 47 48	49 50 51	52 53 54 55 56	57 58 59 60	61 62 63 64	65 66 67 68	69 70 71 72	73 74 75 76 77 78 79 80	
1	4	11	01						1.0	1.0	2.6	2.6	12	4	4.40	5.72	19.54	2.08	5.50		
1	4	11	02						.8	2.1	1.6	2.3	10	0	3.70	4.84	19.09	1.90	7.50		
1	4	11	03						.8	3.3	2.3	1.6	8	10	4.84	4.40	19.09	1.90	7.50		
1	4	11	04						.7	1.3	2.3	1.9	10	0	5.54	3.52	19.80	1.95	6.75		
1	4	11	05						.4	1.2	1.9	2.3	10	0	3.08	4.84	19.54	2.08	6.00		
1	4	11	06						.4	2.7	2.6	2.9	11	12	5.72	6.16	19.54	1.95	6.00		
1	4	11	07						.5	3.6	2.3	2.9	11	17	4.84	3.52	17.76	1.51	7.00		
1	4	11	08						.6	2.7	2.9	2.6	12	24	3.52	2.20	14.65	1.51	10.00		
1	4	11	09						.5	3.5	1.2	1.6	12	23	5.72	5.72	19.54	2.04	12.50		
1	4	11	10						.9	3.7	2.9	2.9	12	20	1.2	1.2	1.2	1.2	6.25		
1	4	11	11						.5	3.6	2.9	2.9	12	20	1.3	5.72	19.54	2.20	7.50		
1	4	11	12						.4	4.5	3.1	2.9	12	23	5.72	5.68	20.87	2.14	7.50		
1	4	11	13						.3	4.0	1.6	2.9	12	23	3.43	5.54	21.22	2.15	7.50		
1	4	11	14						.2	3.4	2.3	3.1	16	16	6.81	5.72	22.64	2.30	7.50		
1	4	11	15						.9	3.6	3.3	3.3	14	14	5.28	7.04	22.20	2.39	8.75		
1	4	11	16						.6	4.0	1.6	2.3	16	20	4.84	6.16	22.20	2.39	10.00		
1	4	11	17						.1	3.1	2.5	2.3	12	21	6.34	5.72	20.87	1.95	8.75		
1	4	11	18						.6	3.5	1.6	2.9	16	14	5.28	5.98	19.09	1.98	6.25		
1	4	11	19						.2	3.4	2.5	2.3	16	14	5.10	3.52	18.91	1.72	7.50		
1	4	11	20						.9	3.1	2.3	2.5	16	17	4.84	3.52	19.09	2.04	5.00		
1	4	11	21						.3	2.1	2.5	2.5	16	17	4.84	4.40	19.54	2.12	8.75		
1	4	11	22						.0	1.8	2.0	1.6	12	23	4.40	5.90	20.42	2.10	8.75		
1	4	11	23						.0	1.6	1.6	2.0	16	16	3.70	6.16	19.54	2.08	8.25		
1	4	11	24						.0	1.4	1.6	2.3	12	22	4.40	5.72	19.54	2.29	10.00		

CRANEY ISLAND EXPERIMENT (1975)

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I	MO	DAY	HR	NO 15'	NO 75'	NO ₂ 15'	NO ₂ 75'	O ₃ 15'	O ₃ 75'	ES 15'	ES 75'	RS 15'	RS 75'	NON CH ₄ 15'	NON CH ₄ 75'	ΣHC 15'	ΣHC 75'	CO 15'																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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CRANEY ISLAND EXPERIMENT (1975)

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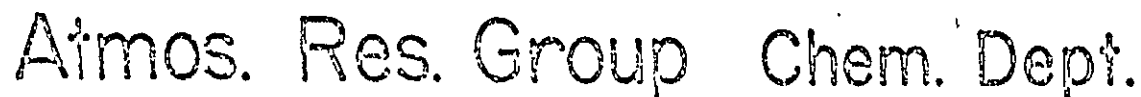
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CRANEY ISLAND EXPERIMENT (1975)

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CRANEY ISLAND EXPERIMENT (1975)

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CRANEY ISLAND EXPERIMENT (1975)

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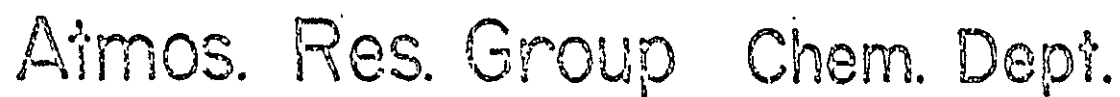
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CRANEY ISLAND EXPERIMENT (1975)

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11		2	4	/	1	1.1		12		1		NN	65	532																																																																	
12		2	4	/	1	1.2		12		5		NW	65	579																																																																	
13		2	4	/	1	1.3		13		5		NW	65	608																																																																	
14		2	4	/	1	1.4		14		3		N	60	580																																																																	
15		2	4	/	1	1.5		15		2		N	65	532																																																																	
16		2	4	.		1.6		16		2		N	130	415																																																																	
17		2	4	.		1.7		15		3		N	80	349																																																																	
18		2	4	.		1.8		15		2		N	100	255																																																																	
19		2	4	.		1.9		13		2		NE	80	95																																																																	
20		2	4	/	1	2.0		11		2		SE	80	38																																																																	
21		2	4	/	1	2.1		10		4		E	95	0																																																																	
22		2	4	/	1	2.2		9		5		SE	90	0																																																																	
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